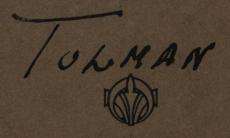
ESTABLISHED 1853 INCORPORATED 1892

W. & J. TIEBOUT

118 CHAMBERS STREET NEW YORK, N. Y.



Catalogue No. 18



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Established 1853

Incorporated 1892

CATALOGUE No. 18

W. & J. TIEBOUT

118 CHAMBERS STREET
NEW YORK, N. Y.

Manufacturers and Dealers

BRASS AND GALVANIZED, MARINE,
REFRIGERATOR AND CABINET
HARDWARE

CABLE ADDRESS: TARBOUT
WESTERN UNION CODE
5 LETTER EDITION

Coll interperate



INTRODUCTORY

N submitting this catalog to the trade it has been our endeavor to convey to those interested some idea of the scope of hardware we are producing and carrying in stock.

We specialize in Marine, Refrigerator and Cabinet Hardware and have facilities to handle special orders, and upon receipt of samples, specifications or blue prints, will be pleased to quote our best price consistent with high class service and workmanship.

We are constantly adding to our assortment, both in styles and designs.

We have tried to standardize, and carry in stock large quantities, of many articles shown in this catalog and would suggest before having any special hardware made, to take this matter up with us to see if we do not carry in stock or have patterns for articles that can be used.

Where the finish is not specified we ship what is standard or regular with us, and can furnish any finish to order.

Where goods are listed without Screws and our customer wants Screws we will furnish them and pack with our goods at whatever expense to us.

We will replace, if reported to us within a reasonable time, any article furnished by us that is found defective, either in material or workmanship if returned to us, all charges prepaid.

TERMS

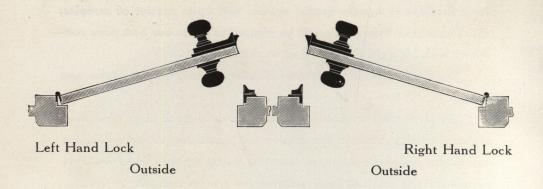
All goods sold F.O.B. New York, N. Y., unless otherwise quoted. On approved credit, net cash, thirty days.

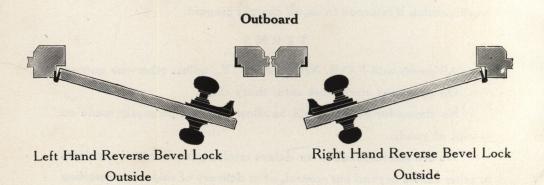
No claims for shortage will be allowed unless promptly made on receipt of goods.

We are not responsible for delays resulting from strikes, accidents or other causes beyond our control, or in delivery of shipments resulting from delay on part of transportation company.

No goods returned without our written permission.

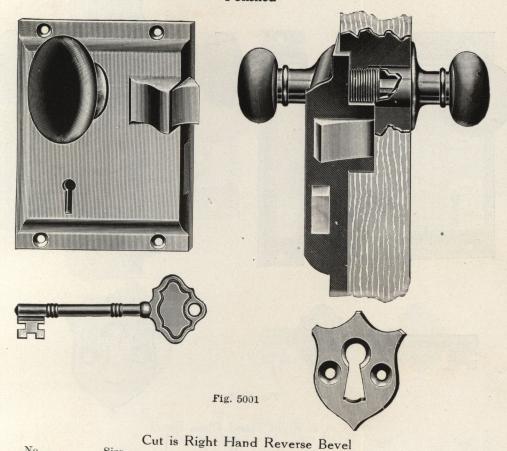
HAND OF LOCKS Inboard





Always specify the hand of the lock wanted, not the hand of the door.

CAST BRONZE CABIN LOCK SET **Polished**



Size Per Set 53/8" x 4" Right Hand Plain Bevel.......\$11.50 5 3/8" x 4" Right Hand Reverse Bevel....... 11.50

The loose knob screws through the door on to the body of the lock, binding the two together, and will fit doors 11/4 to 2 inches thick.

The lock has a knuckle latch, which prevents rattling and also any injury to the lock by slamming the door.

The box keeper is furnished with Inboard locks, to give the lock a symmetrical appearance when the door is closed. A flat keeper will be supplied if desired and must be especially noted in ordering. The flat keeper is furnished with Outboard locks, it acts as a protection to the door frame when the knuckle of the lock passes it.

Made in Fifty Changes.

No.

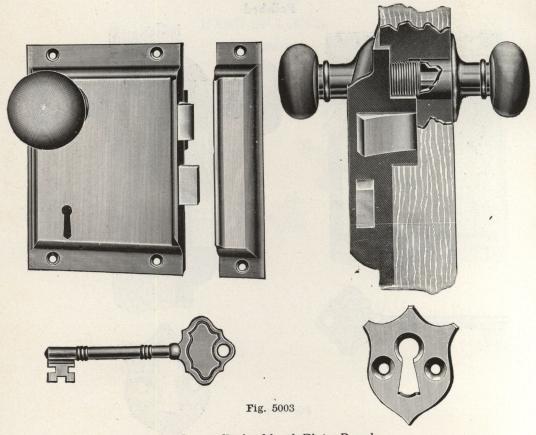
2201

2202

2203 2204

Each Lock is furnished with Two Keys. Master and Extra Keys can be furnished to order.

CAST BRONZE CABIN LOCK SET Polished



	Cut is Right Hand Plain Bevel	T. O.4
No.	Size	Per Set
2205	53/8" x 4" Right Hand Plain Bevel	\$11.50
2206	53/8" x 4" Right Hand Reverse Bevel	11.50
2207	53/8" x 4" Left Hand Plain Bevel	11.50
	53/8" x 4" Left Hand Reverse Bevel	11.50
2208	3% X4 Left Hand Reverse Devel	1 (1 1-1-

The loose knob screws through the door on to the body of the lock, binding the two together, and will fit doors from 11/4 to 2 inches thick.

The lock has a knuckle latch, which prevents rattling, and also any injury to the lock by slamming the door.

The above locks carried in stock with Oval Knobs; Round Knobs fur-

nished to order.

The box keeper is furnished with Inboard locks, to give the lock a symmetrical appearance when the door is closed. A flat keeper will be supplied if desired and must be especially noted in ordering. The flat keeper is furnished with Outboard locks, it acts as a protection to the door frame when the knuckle of the lock passes it.

Made in Fifty Changes.

Each Lock is furnished with Two Keys. Master and Extra Keys can be furnished to order.

CAST BRONZE STATE ROOM LOCK SET

Polished

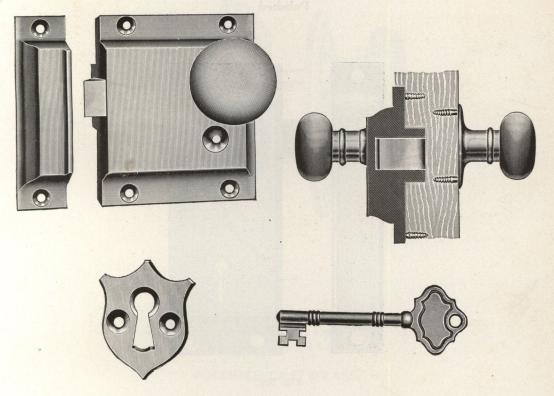


Fig. 5005

		Cut is Left Hand Hain Devel	
No.	Size	F	Per Set
2209	41/2" x 33/4"	Right Hand Plain Bevel	\$9.75
2210	41/2" x 33/4"	Right Hand Reverse Bevel	9.75
2211	41/2" x 33/4"	Left Hand Plain Bevel	9.75
2212	41/2" x 33/4"	Left Hand Reverse Bevel	9.75

Cut is Laft Hand Plain Bowel

The knuckle latch is operated from the inside by the knob and from the outside by the key. The outside knob is fastened to the door by screws, and is entirely independent of the lock, being used only as a handle for the door.

Not having a bolt and the outside knob being stationary, the door is always locked when closed, and can only be opened from the outside side by using the key. From the inside, the latch is operated at all times by the knob only.

When two persons occupy the same stateroom, this type of lock is desirable, as neither can lock the other out, and anyone with a proper key has access to the room.

Each Lock is furnished with Two Keys. Master and Extra Keys can be furnished to order.

CAST BRONZE FLANGED RIM LOCK SET FOR LIGHT DOORS Polished

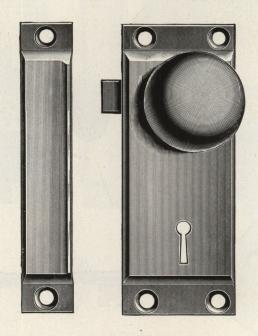


Fig. 5007

Cut is Right Hand

No.		Per Set
2213	Right Hand	\$7.00
2214	Left Hand	7.00

Lock 41/2" x 13/4".

Round Knob 2" x 5/16" Spindle.

Shield Escutcheon.

Two Keys.

Made Right and Left Hand. In ordering, state what hand is required.

FLANGED RIM CLOSET LATCH

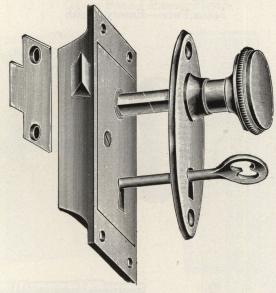


Fig. 5009

Cut is Left Hand Reverse Bevel

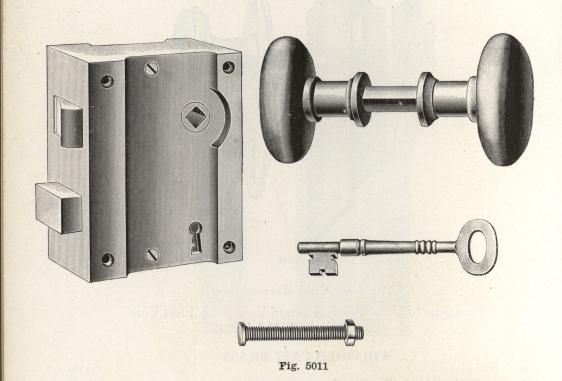
Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-11.

	POLISHED CAST BRASS	
No.		Per Set
2215	Right Hand Reverse Bevel	\$3.75
2216	Left Hand Reverse Bevel	3.75
	Lock 33/8" x 11/2".	
	Round Knob 11/8" dia.	
	Oval Escutcheon 27/8" x 11/8".	
	Two Keys.	
	EMERY FINISH CAST BRONZE	Little or other
No.	EWERT FINISH CAST BRUNZE	Per Set
2217	Right Hand Reverse Bevel	
2218	Left Hand Reverse Bevel	3.75
	Lock 33/8" x 11/2".	
	Oval Knob 11/2" x 3/4".	
	Oval Escutcheon 21/8" x 11/8".	
	Two Keys.	

Made Right and Left Hand. In ordering state what hand is required. Packed One Set in a box complete with Screws.

CAST BRONZE RIM LOCK SET

Janus Face—Emery Finish



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-5

No.		Per Set
2219	Lock 45/8" x 33/4"	
	Oval Knobs 23/4" x 13/4 x 3/8" Spindle	
	Two Keys	\$11.25

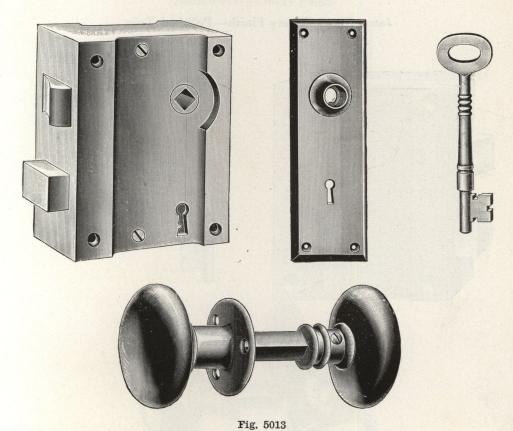
This lock is Extra Heavy and is designed for use on Steel Doors.

It has a Swinging Knuckle Anti-Friction Latch, Reversible for Right and Left Hand Doors.

Packed One Set in a box complete with Bolts.

CAST BRONZE RIM LOCK SET

Janus Face—Emery Finish



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-2

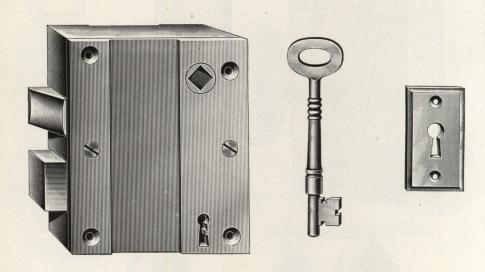
No.		Per Set
2220	Lock 45/8" x 33/4".	
	Oval Knobs 23/4" x 13/4" x 3/8" Spindle.	
	Combination Escutcheon 65/8" x 2".	
	Two Keys	\$10.00

This lock is Extra Heavy and is designed for use on Heavy Outside Wood Doors.

It has a Swinging Knuckle Anti-Friction Latch, Reversible for Right and Left Hand Doors.

Carried in stock with Flat Striking Plates or Nosings. Nosings furnished, unless otherwise ordered.

Janus Face—Emery Finish—Polished Trim



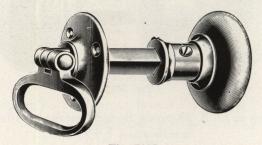


Fig. 5015

Master and Extra Keys furnished to order.

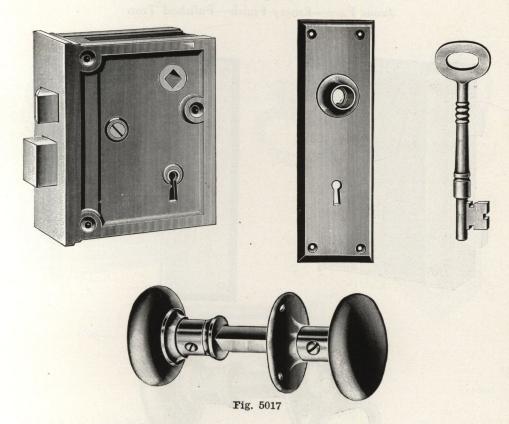
With Reversible Latch Bolts for Right and Left Hand Doors.

Carried in stock with Flat Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

CAST BRONZE RIM KNOB LOCK SET

Janus Face—Emery Finish



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-8

No.		Per Set
2221	Lock $4\frac{3}{4}$ " x $3\frac{7}{16}$ ".	
	Round Knobs 21/8" x 3/8" Spindle.	
	Combination Escutcheon 65/8" x 2".	
	Two Keys	\$9.75

This Lock has Three Tumblers, and is made in Sixty Changes. Master and Extra Keys furnished to order.

With Reversible Latch Bolts for Right and Left Hand Doors.

Carried in stock with Flat Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

Packed One Set in a box complete with Screws.

for Inside Doors

Janus Face—Emery Finish—Polished Trim

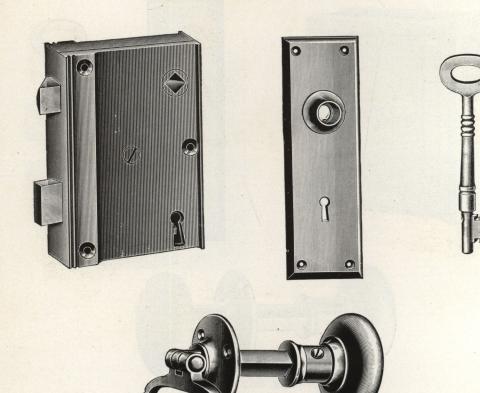


Fig. 5019

No.

Per Set

1131/2A Lock 4" x 31/4".

Round Knob and Drop Handle 21/8" x 3/8" Spindle.

Combination Escutcheon 6" x 11/2".

One Key\$5.50

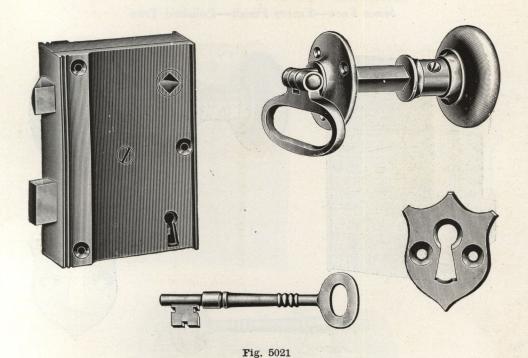
With Reversible Latch Bolts for Right and Left Hand Doors.

Extra Keys furnished to order.

Carried in stock with Bevel Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

Janus Face—Emery Finish—Polished Trim



No.

Per Set

113½B Lock 4" x 3½".

Knob and Drop Handle 2½" x ¾" Spindle.

Shield Escutcheon.

One Key _______\$5.00

With Reversible Latch Bolts for Right and Left Hand Doors.
Extra Keys furnished to order.
Carried in stock with Bevel Striking Plates or Nosings.
Nosings furnished unless otherwise ordered.
Packed One Set in a box complete with Screws.

Janus Face—Emery Finish—Polished Trim

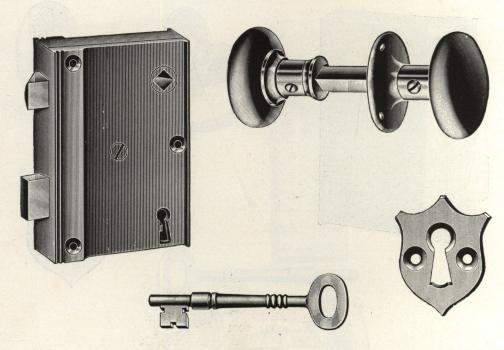


Fig. 5023

No.

1131/2C Lock 4" x 31/4.

Round Knobs 21/8" x 3/8" Spindle.

Shield Escutcheon.

One Key

Per Set

With Reversible Latch Bolts for Right and Left Hand Doors.

Extra Keys furnished to order.

Carried in stock with Bevel Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

Janus Face—Emery Finish—Polished Trim

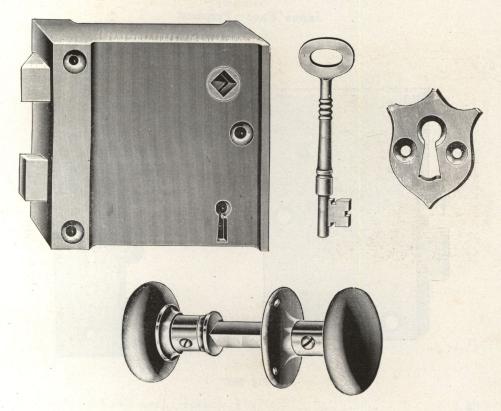


Fig. 5025

No.

Per Set

2222 Lock 41/8" x 43/8".

Round Knobs 21/8" x 3/8" Spindle.

Shield Escutcheon.

One Key

With Reversible Latch Bolts for Right and Left Hand Doors.

Goods listed without a price are not carried in stock, but can be furnished to order.

Janus Face-Polished

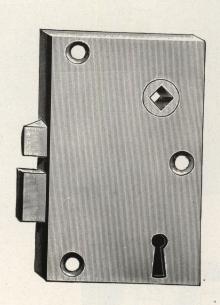




Fig. 5027

No.

161/2

Lock 33/4" x 21/2".

Knob and Lever Handle 13/4" x 5/16" Spindle.

Combination Escutcheon 51/2" x 11/2".

One Key

With Reversible Latch Bolts for Right and Left Hand Doors.

Extra Keys furnished to order.

Carried in stock with Flat Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

Packed One Set in a box complete with Screws.

Per Set

CAST BRASS TOILET DOOR LOCK SETS

Polished

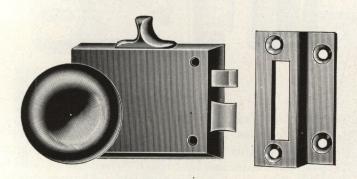


Fig. 5029

No.		Per Set
2247	Lock 21/4" x 31/4".	
	Round Knob and T Handle 13/4"	\$4.25
2248	Lock 21/4" x 31/4".	
	Oval Knob and T Handle 13/4" x 1"	4.50
47	Locks only	Per Doz. \$27.00

Mortise Keepers are furnished, but Nosings will be furnished to order.

The latch is reversible, and is operated from either side by the handle. The sliding bolt is operated by the handle on top of the lock.

Round Knobs are furnished unless otherwise ordered.

RIM NIGHT LATCH

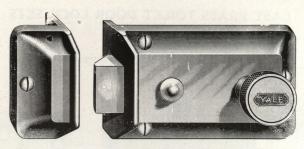


Fig. 5031

No.	Per Doz.
042	Japanned Iron Case, 21/2" x 35/8" x 1"
	Backset 23/8 inches. Bronze cylinder, bolt, turn knob and stop.
	Reverse Bevel (for doors opening outward) to order only.
	Keys—3 paracentric, nickel-bronze, coined, gold plated bows from No. 8 blank. Five pin-tumblers. Changes practically unlimited.
	For Doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches, opening in, of either hand.
05042	Buffed Bronze Case, $2\frac{1}{2}$ " x $3\frac{5}{8}$ " x 1"

CAST BRONZE RIM NIGHT LATCH Emery Finish

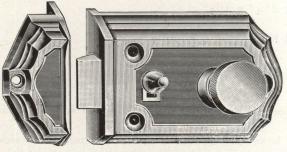


Fig. 5033

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-48

... CAST BRONZE SCREEN DOOR LOCK SET

Janus Face—Emery Finish

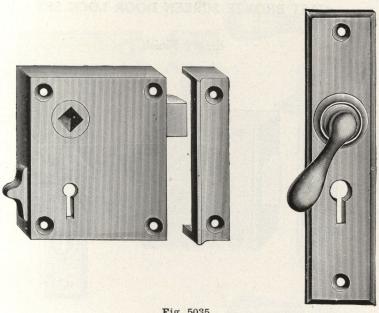


Fig. 5035

No.

Per Set

Lock 21/2" x 21/8". 2224

Combination Escutcheon 41/2" x 1".

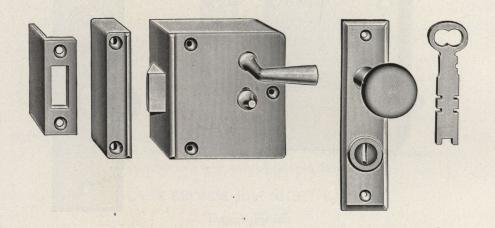
Lever Handles 13/4" x 5/16" Spindle.

One Key \$3.00

With Reversible Latch Bolts for Right or Left Hand Doors.

CAST BRONZE SCREEN DOOR LOCK SET

Emery Finish



State whether Right or Left Hand is required, and if Doors open in or out Packed One Set in a box complete with Screws.

CAST BRONZE SCREEN DOOR LATCH SET

Emery Finish

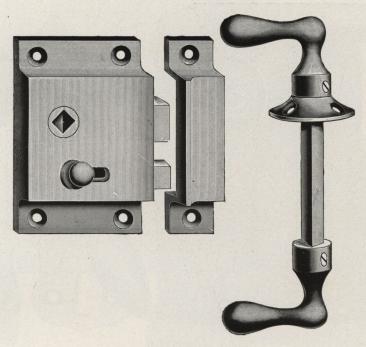


Fig. 5039

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-17

No.		Per Set
2226	Latch 31/8" x 2".	
	Lever Handles 1½".	
	Rose 15/8" dia	\$3.75

Adjustable for Doors 3/4" to 11/4".

State whether Right or Left Hand is required, and if Doors open in or out.

Packed One Set in a box complete with Screws.

CAST BRONZE MORTISE LOCK SET Polished

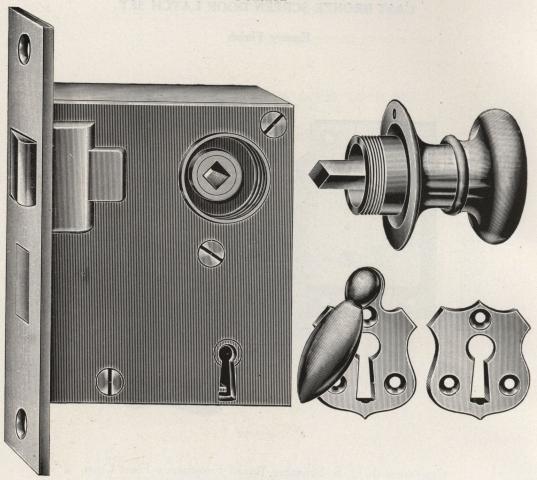


Fig. 5041

No.

2227 Lock 41/4" x 33/4" x 5/8" thick.

Round Knobs 2" x 5/8" Spindle.

One Shield Escutcheon.

One Shield Escutcheon with Drop.

Two Keys

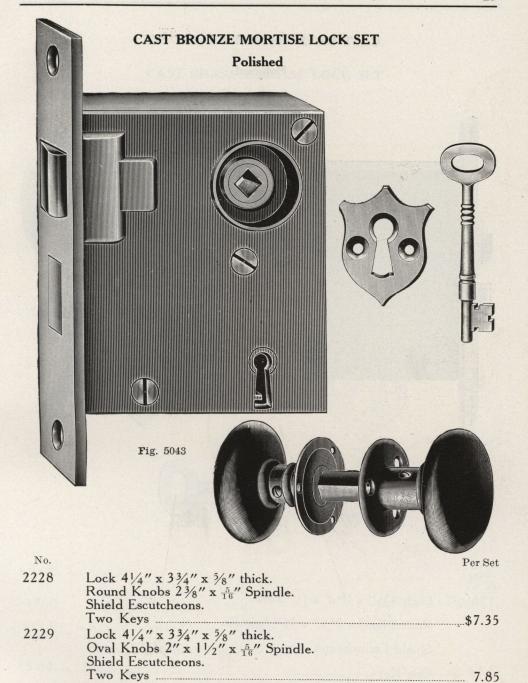
Per Set

\$11.50

The Knobs screw through the door on to the body of the Lock, binding the three together.

The lock has a Knuckle Latch, which is reversible for Right and Left Hand doors. It also prevents the door from rattling and any injury to the Lock by slamming the door, and will fit doors from $1\frac{3}{4}$ " to 2" thick. We can furnish Extra Roses, to make them adjustable for Doors $1\frac{1}{4}$ " to $1\frac{1}{2}$ ".

Carried in stock in Fifty Changes, and can be Master Keyed to order.



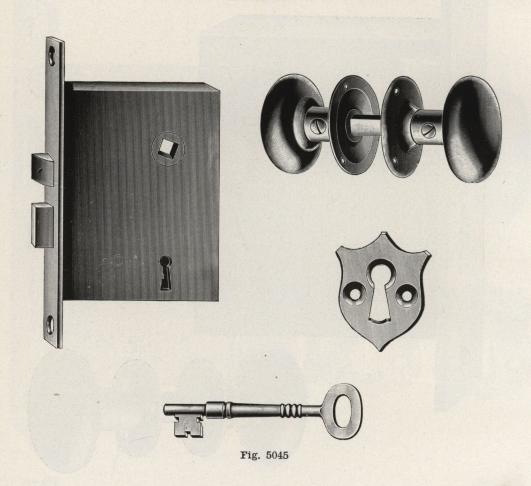
The Lock has a Knuckle Latch, which is reversible for Right and Left Hand doors. It also prevents the door from rattling and any injury to the lock by slamming the door.

Made in Fifty Changes.

Carried in stock with Round Knobs. Oval Knobs furnished to order. Packed One Set in a box complete with Screws.

CAST BRASS MORTISE LOCK SET

Polished



No.

Per Set

 $176\frac{1}{2}$ C Lock $4\frac{3}{8}$ " x $3\frac{5}{8}$ " x $\frac{11}{16}$ " thick.

Round Knobs 21/8" x 3/8" Spindle.

Shield Escutcheons.

One Key

..\$6.25

With Reversible Latch Bolt for Right and Left Hand Doors.

CAST BRASS MORTISE LOCK SET

Polished

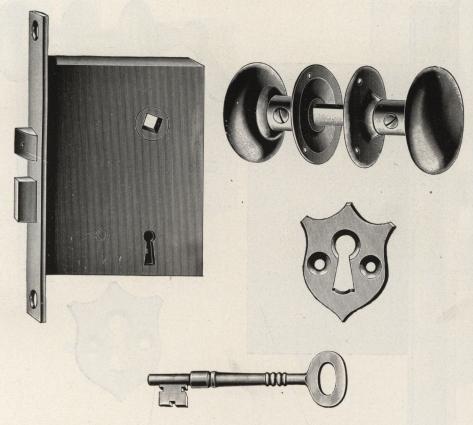


Fig. 5047

No.

Per Set

170C

Lock 31/2" x 3" x 1/2" thick.

Round Knobs 2" x $\frac{5}{16}$ " Spindle.

Shield Escutcheons.

One Key

.\$4.35

With Reversible Latch Bolt for Right and Left Hand Doors.

CAST BRASS MORTISE RABBITTED LOCK SET

Polished

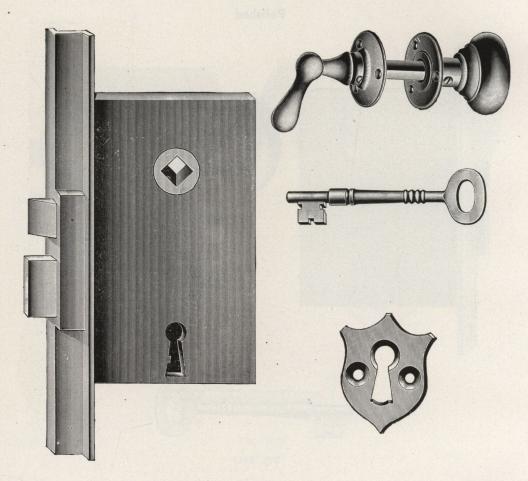


Fig. 5049

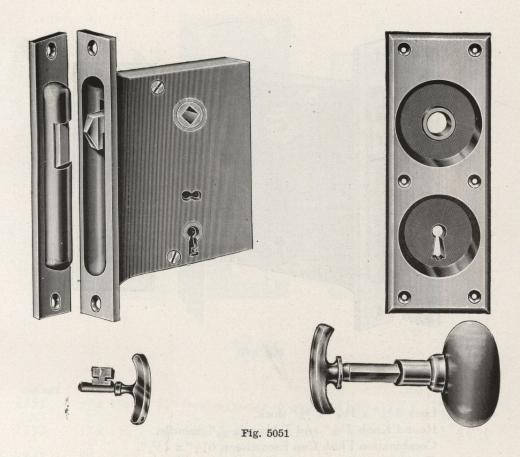
For Cabin and Companionway Doors with narrow stiles.

Made Right and Left Hand—in ordering state what hand is required.

Packed One Set in a box complete with Screws.

CAST BRONZE MORTISE SLIDING DOOR LOCK SET

Emery Finish



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-26.

This Lock is made in Forty Changes and can be Master Keyed to order. Packed One Set in a box complete with Screws.

CAST BRASS MORTISE SLIDING DOOR LOCK SET

Polished

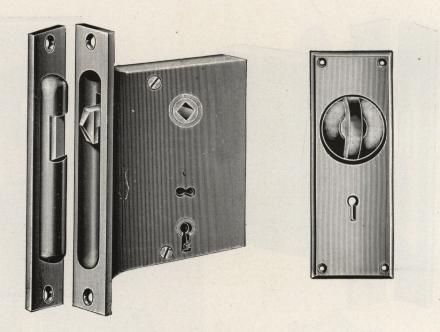


Fig. 5053

No.		Per Set
2474A	Lock 33/4" x 31/4" x 5/8" thick. Round Knob 21/8" and T Handle 5/16" Spindle. Combination Flush Cup Escutcheon 61/2" x 21/2". Shield Escutcheon. One Key	\$7.25
2475B	Lock $3\frac{3}{4}$ " x $3\frac{1}{4}$ " x $\frac{5}{8}$ " thick. Flush T Handles $\frac{5}{16}$ " Spindle. Combination Flush Cup Escutcheon $6\frac{1}{2}$ " x $2\frac{1}{2}$ ". One Key	
2476A	Lock 5" x 4" x 3/4" thick. Round Knob 21/4" and Flush T Handle 3/8" Spindle. Combination Flush Escutcheons 63/4" x 23/4". Combination Escutcheon for Knob 73/4" x 23/4". One Key	17.00

BRASS CUPBOARD LATCH

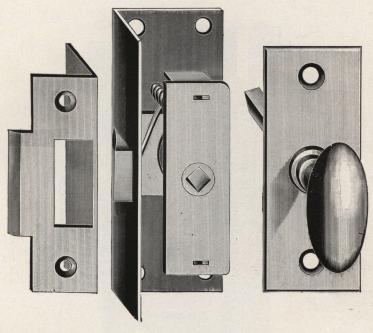


Fig. 5055

No.	Size	Per Doz.
2231	$3'' \times 1\frac{1}{8}''$. $\frac{3}{4}''$ from selvedge to center of hub	\$34.20
2232	3" x 13/4". 1/8" from selvedge to center of hub	34.20
2233	3" x 17/8". 1 " from selvedge to center of hub	34.20
2234	3" x 21/8". 11/4" from selvedge to center of hub	34.20
2235	3" x 2 $\frac{5}{16}$ ". 1 $\frac{1}{2}$ " from selvedge to center of hub	34.20

All Brass. Cast Bronze Latch Bolt. Right Angle Brass Strike. Brass Escutcheon and Knob, Buffed and Lacquered Finish.

For either Right or Left Hand Doors.

Adjustable to wood from 1 to 11/4 inches thick, but can be made to order for other thicknesses of wood.

Made regular with hub for $\frac{3}{16}$ inch spindle, but can be made to order with hub for $\frac{5}{16}$ inch spindle.

BRASS CUPBOARD LOCK

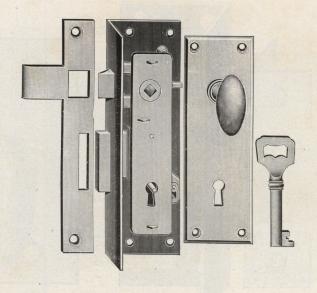


Fig. 5057

Cut is Right Hand

	Distance from Selvedge				
No.	Size of Plate Size of Escutcheon	to Key-pin Per Doz.			
2236	5" x 11/2" 4 " x 1 "	3/4" \$72.00			
2237	5" x 15/8" 4 "x 1 "	7/8" 72.00			
2238	$5'' \times 13/4''$ $41/2'' \times 11/2''$	1 " 72.00			
2239	$5'' \times 2$ " $4\frac{1}{2}$ " x $1\frac{1}{2}$ "	11/4" 72.00			
2240	$5'' \times 2\frac{1}{4}''$ $4\frac{1}{2}'' \times 1\frac{1}{2}''$	1½" 72.00			

All Brass. Buffed and Lacquered Finish. Square Selvedge. Cast Brass Latch Bolt. Broad Heavy Dead Bolt. 3 Secure Levers. Brass Plated Flat Bow Keys. 12 Changes of Keys. Can be made with 3,120 Changes of Keys at an extra price.

Made regular with hub for $\frac{3}{16}$ inch spindle, but can be made to order with hub for $\frac{5}{16}$ inch spindle. Can be made for Left Hand Doors.

Janus Face

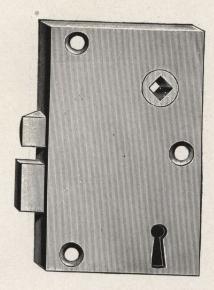


Fig. 5059

No.	Size	Spindle		Per Doz.
15	33/4" x 3 "	5''	Emery Finish	\$24.00
16	$3\frac{3}{4}$ " x $2\frac{1}{2}$ "	5 "	Polished	. 24.00
17	21/2" x 2 "	5 "	Polished	. 25.20

One Key with each Lock, Extra Keys can be furnished to order.

With Reversible Latch Bolts for Right and Left Hand Doors.

Carried in Stock with Flat Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

Janus Face—Emery Finish

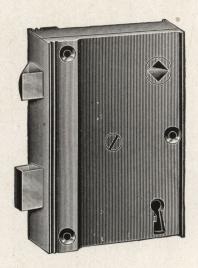


Fig. 5061

No.	Size	Spindle	Per Doz.
10	4 "x3 "	5 "	\$27.60
11	5 "x 31/4"	5 "	39.60
13	4 "x 31/4"	⁵ / ₁₆ "	30.60
131/2	4 "x 31/4"	3/8"	30.60
14	41/2" x 33/4"	3/8"	42.60

One Key with each Lock, Extra Keys can be furnished to order. With Reversible Latch Bolts for Right and Left Hand Doors. Carried in stock with Flat Striking Plates or Nosings.

Nosings furnished unless otherwise ordered.

CAST BRASS RIM LOCK Janus Face—Emery Finish

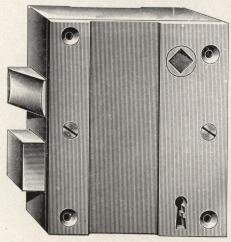


Fig. 5063

No. 18

41/2" x 33/4" Spindle 3/8"

Per Doz. ...\$72.00

This is an Extra Heavy Lock designed for use on Iron Doors.

One Key with each Lock, Extra Keys can be furnished to order.

With Reversible Latch Bolts for Right and Left Hand Doors.

Carried in stock with Nosings.

Four Bolts $\frac{5}{16}$ " x 2" and 2 Machine Screws are furnished with each Lock.

CAST BRONZE RIM LOCK Janus Face—Emery Finish

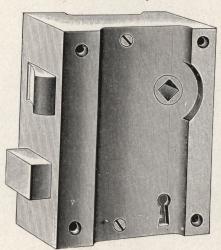


Fig. 5065

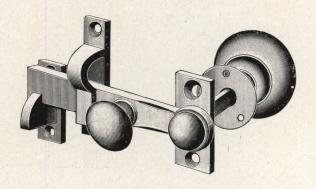
No. Size Spindle 2241 45/8" x 33/4" 3/8" ...

Per Doz. ...\$84.00

This is an Extra Heavy Lock designed for use on Iron Doors.
Two Keys with each Lock, Extra Keys can be furnished to order.
With Reversible Anti-Friction Latch Bolts for Right and Left Hand Doors.
Carried in stock with Flat Striking Plates or Nosings.
Nosings furnished unless otherwise ordered.

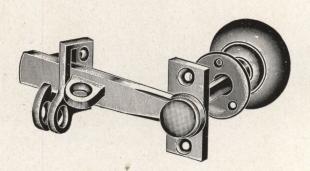
Four Bolts 15" x 2" and 2 Machine Screws are furnished with each Lock.

CAST BRASS SHIP LATCH Plain New York Pattern



Polished to Order

CAST BRASS SHIP LATCH Plain Boston Pattern



No. Fig. 5069

Per Doz. \$19.20

Polished to Order

CAST BRASS FLANGED RIM KNOB LATCH Polished

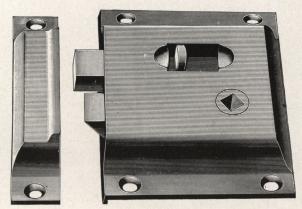


Fig. 5071

No. Size Spindle Per Doz. 42 4" x 31/4" 5.16" \$30.72

With Reversible Latch Bolt. Recessed Thumb Piece, with Slide Bolt. For Right and Left Hand Doors.

CAST BRASS FLANGED RIM LOCKS Polished

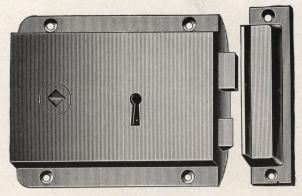


Fig. 5073 Cut is Right Hand.

No.	Size Spir	ndle	Each
26	41/4" x 41/8"	5" 16"	\$9.25
25	5½" x 4½"	3/8"	9.75

Made Right and Left Hand. In ordering state what hand is required. One Key with each Lock, Extra Keys can be furnished to order.

CAST BRASS RIM LOCK Polished

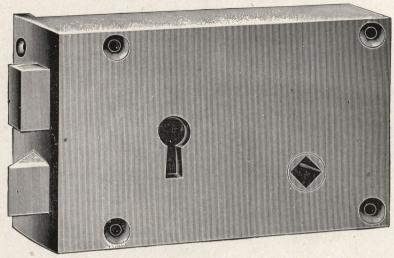


Fig. 5075

Spindle Size 61/8" x 37/8" 3/8"

Goods listed without a price are not carried in stock, but can be furnished to order.

Made Right and Left Hand. In ordering state what hand is required.

CAST BRASS HORIZONTAL RIM LOCK Janus Face—Emery Finish

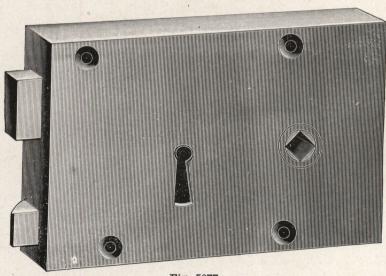


Fig. 5077 Spindle No. Size

5" x 31/4"

20

5 " 16 One Key with each Lock, Extra Keys can be furnished to order. With Reversible Latch Bolts for Right and Left Hand Doors. Carried in stock with Flat Striking Plates or Nosings.

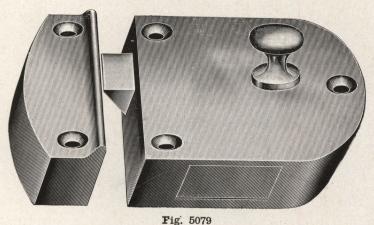
Per Doz.

\$33.00

Nosings furnished unless otherwise ordered.

\$12.48

CAST BRASS SECRET GATE LATCH Polished



No. Size 2" x 23/8"

079 Per Doz.

CAST BRASS RIM DEAD LOCKS Janus Face—Plain

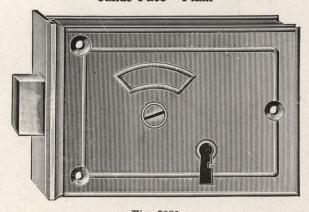


		Fig. 5081	
No.	Size		Per Doz.
50	3 " + 7 "		\$17.52
51	21/11 21/11	***************************************	
21	31/2" x 21/8"		18.72
52	4 "x 25/9"		26.40
53	5 "x3"		31 20
54	6 "x 31/2"		56.40
55	7 "x 33/4"		30.10
56	9 "x 51/4"		

One Key with each Lock, Extra Keys can be furnished to order.

Carried in stock with Nosings. Striking Plates can be furnished to order.

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS MORTISE LOCKS Polished Face

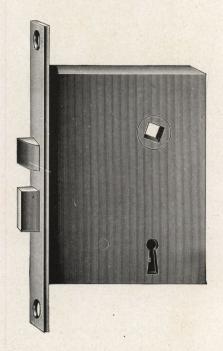


Fig. 5083

No.	Size	Spindle	Per Doz.
70	$3\frac{1}{2}$ " x 3 " x $\frac{1}{2}$ " thick	5"	\$27.00
71	4 " x $3\frac{1}{4}$ " x $\frac{1}{2}$ " thick	5 "	29.04
73	5 " x $3\frac{1}{2}$ " x $\frac{5}{8}$ " thick	<u>5</u> "	45.00
75	3 " x 2 " x $\frac{1}{2}$ " thick	<u>5</u> "	18.00
76	$4\frac{3}{8}$ " x $3\frac{5}{8}$ " x $\frac{11}{16}$ " thick	3/8"	45.00
77	33/4" x 31/4" x 1/2" thick	<u>5</u> "	36.00
78	31/4" x 13/8" x 1/2" thick	5/16"	27.00

One Key with each Lock, Extra Keys can be furnished to order.

With Reversible Latch Bolts for Right and Left Hand Doors.

CAST BRASS MORTISE KNOB LATCH

Polished Face

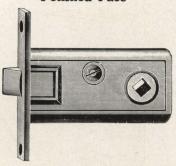


Fig. 5085

CAST BRASS MORTISE DEAD LOCK Polished Face

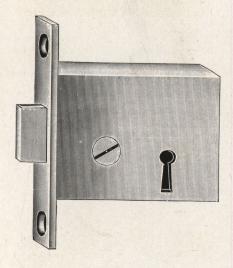
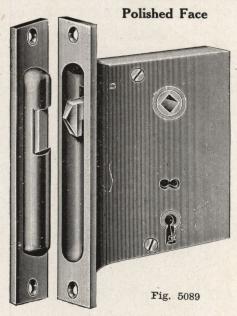


Fig. 5087

No. Size Per Doz. 100 2" x 3" x ½" thick \$22.80

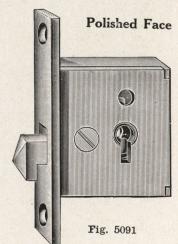
One Key with each Lock, Extra Keys can be furnished to order.

CAST BRASS MORTISE SLIDING DOOR LOCKS Concave Face and Recessed Latch Bolt



No.	Size	Spindle	Per Doz.
4013	33/4" x 31/4"	_0_//	And the second second
4014	43/4" x 33/4"	5"	\$37.80
4015	5 " - 1 "	5 "	68.40
4015	J X 7	16 I I F . V	92.40
C	ne Key with ea	ach Lock, Extra Keys can be furnished to order	

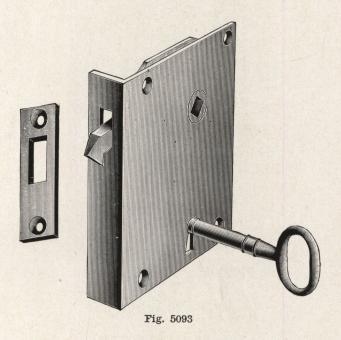
CAST BRONZE SLIDING DOOR LOCK



No.	Size Case	Per Doz.
2244	$1_{\frac{3}{16}}$ " x $1_{\frac{5}{16}}$ " x $\frac{1}{2}$ " thick	\$14.40
2245	$1\frac{1}{2}$ " x $1\frac{5}{8}$ " x $\frac{1}{2}$ " thick	15.60
Tw	o Keys with each Lock	

CAST BRASS SURFACE SLIDING DOOR LOCK

Polished



Cut is Right Hand

No.	Size	Spindle	Per Doz.
111	4" x 31/4"	5"	\$42.24

One Key with each Lock, Extra Keys can be furnished to order.

Made Right and Left Hand. In ordering state what hand is required.

CAST BRONZE SLIDING ELEVATOR DOOR LATCHES Polished

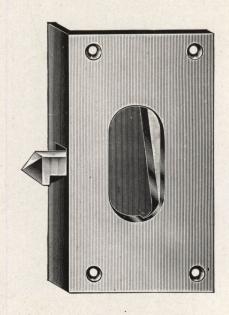


Fig. 5095

Cut is Right Hand

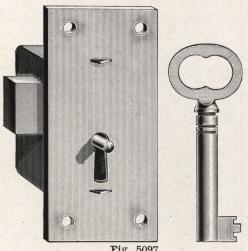
No.	Size	Latch	Per Doz.
71	5½" x 3 "	Extra Heavy—Not Reversible	\$39.60
1220	5 "x 21/2"	Reversible	25.68
3000	5½" x 3 "	Reversible	33.24

One Key with each Lock, Extra Keys can be furnished to order.

No. 71 is made Right and Left Hand. In ordering state what hand is required.

Opened from Outside with Key.

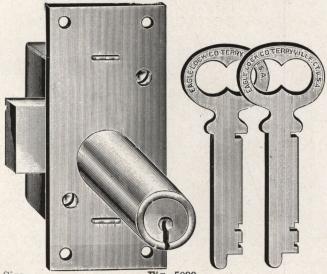
BRASS CUPBOARD LOCKS



		Bec. 235-219-219-2	
No.	Size	Fig. 5097	Per Doz.
2246	2 "x 7/8"		\$12.12
2249	21/2" x 11/8"		10.80
2250	23/4" x 11/4"		13.44
2251	3 "x 13/4"		15.00
2252	31/2" x 2 "		17.52

One Key with each Lock. Carried in Stock in Twelve changes. Furnished in Sets alike to order.

BRASS CYLINDER CUPBOARD LOCKS

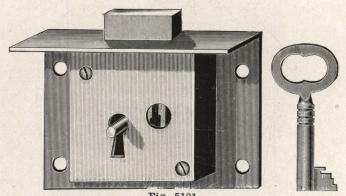


No.			Per Doz.
2253	17/8" x 7/8" for	1/8" Wood	\$14.40
	23/4" x 11/4" for		17.04
	3 "x 13/4" for		21.24
	31/2" x 2 " for		27.00
	4 "x 21/2" for		32.40

Two Keys with each Lock.

Carried in Stock in Twelve changes. Furnished in Sets alike to order.

BRASS DRAWER LOCKS



37		Fig. 5101	
No.	Size	Per	Doz.
2258	21/4" x 15/8" 7/8"		
2230		from selvedge to key pin\$1	2.84
2259	21/2" x 17/8" 11	from selvedge to key pin	3.44
		f 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	77 10	from selvedge to key pin	5.00
2261	3 "x2 " 15	, (6 20
	16	Trom servedge to key pin	6.20

For 7/8" Wood, other thickness to order.

One Key with each lock.

Carried in stock in Twelve changes. Furnished in Sets alike to order.

CAST BRASS CYLINDER DRAWER LOCKS

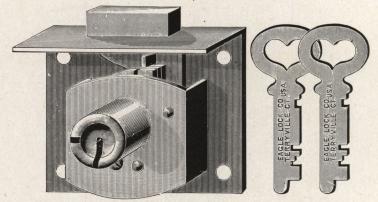


Fig. 5103

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-38

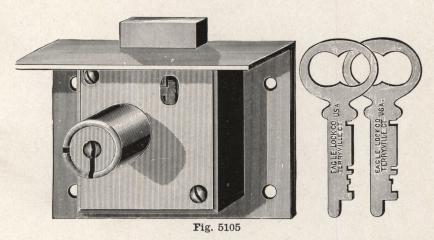
No.	Size	Per Doz.
2262	2 "x 15/8"	7/8" from selvedge to center of key cylinder\$13.44
2263	21/4" x 1111"	7/8" from selvedge to center of key cylinder 14.40

For 7/8" Wood, other thickness to order.

Two Keys with each Lock.

Carried in stock in Twelve changes. Furnished in Sets alike to order.

BRASS CYLINDER DRAWER LOCKS

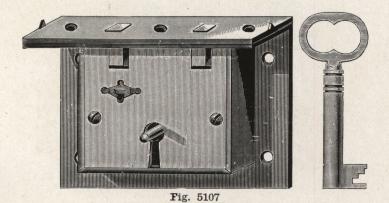


For 7/8" Wood, other thickness to order.

Two Keys with each Lock.

Carried in stock in Twelve changes. Furnished in Sets alike to order.

BRASS CHEST LOCKS



No. 2266	2½" x 1¾"		Per Doz. \$13.80
2267	3 "x2 "	11/8" from selvedge to key pin	15.60

For ½" Wood, other thickness to order. One Key with each Lock. Carried in stock in Twelve changes.

CAST BRONZE PADLOCKS Polished



Fi	o.	51	09

No.	Size	Type	Keys	Per Doz.
70	11/8"		2	
71	11/4"	Spring	2	7.50
72	11/2"	Tumbler	. 2	11.00
73	13/4"	Tumbler	- 2	12.50
74	2 "	Tumbler	2 Plain Drop	14.40
76			r 2 Spring Drop	
78			r 2 Plain Drop	
81			r 2 Spring Drop and Chain	

BRONZE YALE PADLOCKS Polished







Fig. 5111

No.	Size		Per Doz.
813	1 "	2 Keys	\$20.00
823	11/4"	2 Keys	22.00
833	11/2"	2 Keys	25.00
843	13/4"	2 Keys	28.85
853	2 "	2 Keys	31.00
8531/2	2 "	with Chain, 2 Keys	35.20

BRONZE PADLOCKS

Solid Extruded Metal Case With Chain



Conform to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-44-46

NT.	~.	Specification F-153-44-46	
No.	Size		Per Doz.
2268	11/2"		\$34.80
2269	2 "		49.56
each loc	k. No two	Spring Shackle. Pin Tumbler Mechanism. locks alike. Changes practically unlimited. to order at additional price.	2 Keys with

GALVANIZED PADLOCK



Fig. 5115 Malleable Iron Keys

No.	Size Walleasie Holl Reys	Per Doz.
2270	2"	\$9.00

Self Locking. Spring Shackle. 6 Secure Levers. 2 Double-bitted Keys with each lock, all different to a dozen.

CAST BRASS INDICATOR BOLT Polished



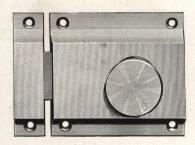


Fig. 5117

No.

Size of Case 2¾" x 3¾"

Per Doz. ...\$24.00

Furnished with Striking Plate to order.

CAST BRASS TOILET LATCH **Polished**

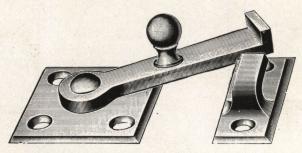


Fig. 5119

No. 1

Length of Bar 31/2"

Per Doz.

\$13.80

CAST BRASS TOILET LATCH Extra Heavy **Polished**

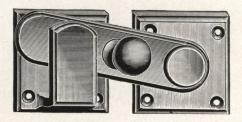


Fig. 5121

No. Length of Bar

Per Doz.

2

\$37.80

CAST BRASS KEY BLANKS



No. 2275	Distance Betwee Bow and Bit	en Size of Bit 3/8" x 5."	For Lock Number 81	Per Doz\$3.00
2276	11/4"	$\frac{3}{8}$ " x $\frac{7}{16}$ "	76-1761/2	4.20
2277	21/8"	$\frac{9}{16}$ " x $\frac{1}{2}$ ".		4.20
2278	21/8"	$\frac{7}{16}'' \times \frac{7}{16}''$	75	4.20
2279	2 "	$\frac{1}{2}'' \times \frac{7}{16}''$	25-26	4.20
2280	23/8"	$1/2'' \times \frac{7}{16}''$		4.20
2281	21/4"	$\frac{9}{16}$ " $\times \frac{9}{16}$ "		120
2282	21/4"	1/2" x 7"	2201-2209-2221-2227-2228-2229	6.00
2283	2 11"	7" x 1/2"	2011	6.00
2284	21/4"	$\frac{7}{16}$ " $\times \frac{7}{16}$ "	2222	6.00
2285	13/4"	$\frac{5}{16}$ " x $\frac{3}{8}$ "	2224	3.00



			Fig. 5125	
2286	11/8"	$\frac{5}{16}$ " x $\frac{3}{8}$ "	70-170-112	3.00
2287	$1\frac{3}{16}''$	1/2" x 3/8"	73	3.00
2288	13/4"	$\frac{7}{16}'' \times \frac{7}{16}''$	18	0 00
2289	17/8"	$\frac{7}{16}$ " x $\frac{3}{8}$ "	11	3.00
2290	13/4"	11" x 3/4".		4.80
2291	$1\frac{3}{16}''$	1/2" x 1/2"	20	3.00
			Fig. 5127	
2292	1 5"	$\frac{3}{8}'' \times \frac{5}{16}''$	71	3.00
2293	11/2"	1/4" x 5"	46-2215	3.00
2294	13/4"	$\frac{5}{16}$ " x $\frac{3}{8}$ "	17	
2295	$2\frac{3}{16}''$	$\frac{7}{16}'' \times \frac{7}{16}''$	13-131/2-1131/2	3.00
2296	21/4"	3/8" x 7"	15-16-161/2	3.00
2297	25/8"	$\frac{9}{16}$ " x $\frac{1}{2}$ ".		
2298	21/4"	$\frac{7}{16}$ " x $\frac{3}{8}$ "	10	
2299	21/8"	$\frac{1}{2}'' \times \frac{7}{16}''$	14	3.00
2300	23"	1/2" x 1/2"	2219-2220-2239-2241	5.40
2301	13/8"	3/8" x 5"	113-114	
2302	13/4"	$\frac{7}{16}$ " x $\frac{3}{8}$ "	2213	4.80
2303	31/8"	3/4" x 5/8".		100
2304	2 "	3/11 x 5/011		1.00

CAST BRASS NOSINGS



Fig. 5129

For Locks Nos.	er Doz.
17-2224-2226	\$3.00
10-11-13-131/2-14.15-18-20-1131/2-2011-2219-2220-2221-2222-2239	5.00
16-25-26-42-47-2201-2205-2209-2213	9.00

CAST BRASS STRIKING PLATES

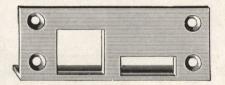


Fig. 5131

For Locks Nos.	Per Doz.
17-71-75-90-111-1220-2215-2225-2243-2244-2245-3000	\$3.00
10-11-13-131/2-14-15-16-161/2-18-20-71-73-76-77-78-1131/2-170-2	2011
2219-2220-2221-2222-2241	5.00
47-81-112-1121/2-113-114-176-2201-2205-2227-2228-2229-2230	9.00

WROUGHT BRASS SPINDLES

Fig. 5133

No.	Size		Per Doz.
2304	5 " 16"	For Mortise Locks	\$2.25
2305	5 "	For Rim Locks	2.25
2306	3/8"	For Mortise Locks	3.00
2307	3/8"	For Rim Locks	3.00

CAST BRASS ROUND RIM KNOBS AND DROP HANDLES

Polished

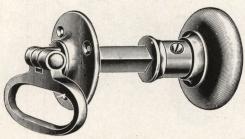


Fig. 5135

No.	Size	Spindle	Per Doz.
2308	13/4"	5"	\$18.60
2309	2 "	16 5 7	19.20
2310	21/8"	16 5''	23.04
2311	21/8"	3/8"	23.04

With Cast Brass Rose and Spindle.

CAST BRASS ROUND RIM KNOBS AND DROP RING HANDLES

Polished

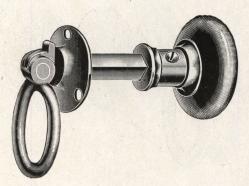


Fig. 5137

No.	Size	Spindle	Per Doz.
2312	21/6"	_5_"	\$23.04
2313	21/8"	3/8"	23.04

With Cast Brass Rose and Spindle.

CAST BRASS ROUND MORTISE KNOBS AND DROP HANDLES

Polished

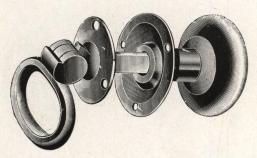


Fig. 5139

No.	Size	Spindle	Per Doz.
2314 2315 2316	1 3/4" 2 " 2 1/8"	5" 16 5" 16 5"	\$18.60 19.20 23.04
2317	21/8"	3/8"	23.04

With Cast Brass Roses and Spindles.

CAST BRASS ROUND MORTISE KNOBS AND DROP RING HANDLES

Polished

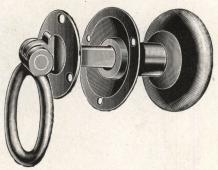


Fig. 5141

Spindle	Per Doz.
16 36"	\$23.04 23.04
	⁵ / ₁₆ "

With Cast Brass Roses and Spindle.

CAST BRASS RIM DOUBLE DROP HANDLES

Polished

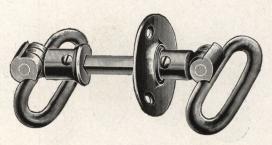


Fig. 5143

No.	Size	Spindle	Per Doz.
2320	21/8"	5 " 16	\$28.20
2321	21/8"	3/8"	28.20
7774			

With Cast Brass Rose and Spindle.

CAST BRASS RIM DOUBLE DROP RING HANDLES

Polished

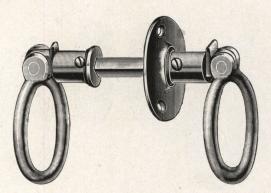


Fig. 5145

No.	Size	Spindle	Per Doz.
2322 2324	2½" 2½"	5" 16 3/8"	\$28.20 28.20

With Cast Brass Rose and Spindle.

CAST BRASS MORTISE DOUBLE DROP HANDLES

Polished

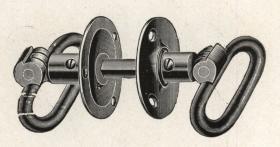


Fig. 5147

No.	Size	Spindle	Per Doz.
2325	2 "	5 //	\$23.04
2326	21/8"	16	28.20
2327	21/8"	3/8"	28.20

With Cast Brass Roses and Spindles.

CAST BRASS MORTISE DOUBLE DROP RING HANDLES

Polished

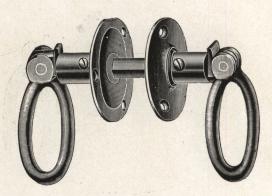


Fig. 5149

No.	Size	Spindle	Per Doz.
2328	21/9"	<u>_5</u> "	\$28.20
2329	21/8"	3/8"	. 28.20

With Cast Brass Roses and Spindle.

CAST BRASS ROUND RIM KNOBS Polished

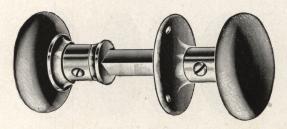


Fig. 5151

No.	Size	Spindle	Per Doz.
2330	13/4"	5 "	\$18.60
2331	2 "	5/16"	19.20
2332	21/8"	5." 16"	23.04
2333	21/8"	3/8"	23.04
2334	21/4"	3/8"	

With Cast Brass Rose and Wrought Brass Spindle.

CAST BRASS OVAL RIM KNOBS Polished

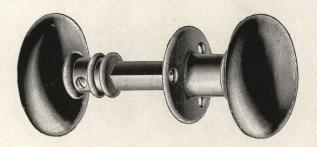


Fig. 5153

No.	Size Spin	indle	Per Doz.
2335	2 "x 11/2" =	5 '' 16'	\$24.00
2336	23/4" x 13/4" =	5 " 16"	26.40
2337	23/4" x 13/4" 3/8	/8"	26.40
17	7:1 C . D D	1 W/ 1 D 2	

With Cast Brass Rose and Wrought Brass Spindle.

CAST BRASS ROUND MORTISE KNOBS

Polished

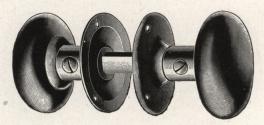


Fig. 5155

No.	Size	Spindle	Per Doz.
2338 2339 2340 2341 2342	1 3/4" 2 " 2 1/8" 2 1/8" 2 1/4"	5" 16" 16" 38" 38"	\$18.60 19.20 23.04 23.04

With Cast Brass Roses and Wrought Brass Spindle.

CAST BRASS OVAL MORTISE KNOBS

Polished

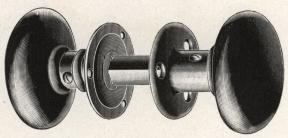
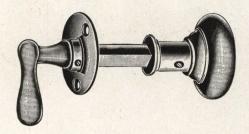


Fig. 5157

No.	Size Spi	indle	Per Doz.
2343 2344 2345	2 "x 1½" 23/4" x 13/4" 23/4" x 13/4" 3/	5'' 16'' 5''' 16''	\$24.00 26.40 26.40

With Cast Brass Roses and Wrought Brass Spindle.

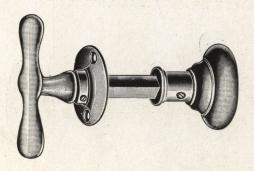
CAST BRASS ROUND RIM KNOBS AND LEVER HANDLES Polished



No.	Size	Fig. 5159	
110.	Size	Spindle	Per Doz.
2346	13/4"	5"	\$18.60
2347	2 "	5 "	19.20
2348	21/8"	5 " 16"	23.04
2349	21/8"	3/8"	23.04

With Cast Brass Rose and Spindle.

CAST BRASS ROUND RIM KNOBS AND TEE HANDLES Polished



NT.	· .	Fig. 5161	
No.	Size	Spindle	Per Doz.
2350	13/4"	5 16"	\$18.60
2351	2 "	5 "	19.20
2352	21/8"	5 " ———————————————————————————————————	23.04
2353	21/8"	3/8"	23.04

With Cast Brass Rose and Spindle.

CAST BRASS ROUND MORTISE KNOBS AND LEVER HANDLES Polished

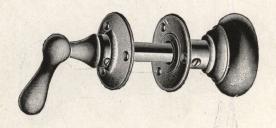


Fig. 5163

No.	Size	Spindle	Per Doz.
2354	13/4"	5"	\$18.60
2355	2 "	5"	19.20
2356	21/8"	5."	23.04
2357	21/8"	3/8"	23.04
Wi	th Cast Bra	ss Roses and Spindle.	A STATE OF THE STA

CAST BRASS ROUND MORTISE KNOBS AND TEE HANDLES Polished

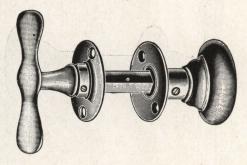


Fig. 5165

No.	Size	Spindle	Per Doz.
2358	13/4"	5 "	\$18.60
2359	2 "	5''	
2360	21/8"	5"	
2361	21/8"	3/8"	23.04

With Cast Brass Roses and Spindle.

WOOD KNOBS-WITH BRASS TRIMMING

Mahogany Finish—Rim or Mortise

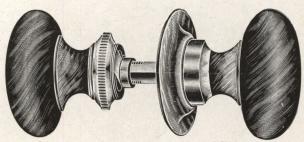


Fig. 5167

No.

Size

Spindle

2362

21/4"

3/8"

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS SHIELD ROSE

Polished



Fig. 5169

No.

Size

2363 2½" x 2½"

Shield Rose can be furnished to fit any of the different styles or sizes of Knobs listed.

Goods listed without a price are not carried in stock, but can be furnished to order.

CUT GLASS KNOBS

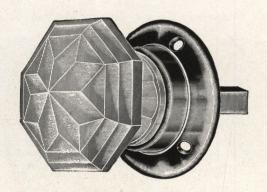


Fig. 5171

Size Spindle	Per Pair
$\frac{1}{2}''$ $\frac{5}{16}''$	\$6.00
3/4" 5"	8.00
" <u>5"</u>	
	$\frac{1}{2}$ " $\frac{5}{16}$ "

With Cast Brass Roses and Steel Spindles.

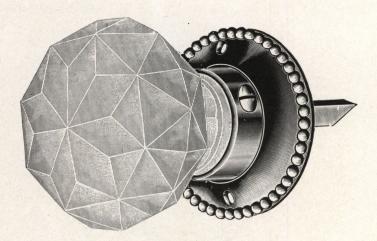


Fig. 5173

No.	Size	Spindle	Per Pair
2367 2368 2369	1 3/4" 2 " 2 1/4"	5" 16" 5" 16" 5"	\$9.00 9.60 10.00

With Cast Brass Roses and Steel Spindles.

OCTAGON PRESSED GLASS KNOBS

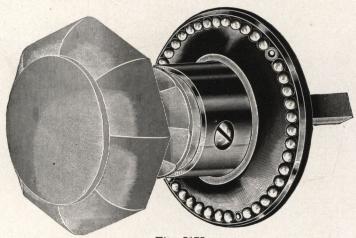
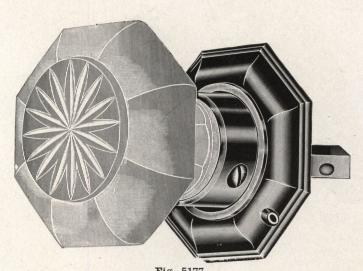


			Fig. 5175	
No.	Size	Spindle		Per Pair
2370	13/4"	5"		\$4.20
2371	21/4"	5"		5.50
2372	21/2"	5"		6.60

With Cast Brass Roses and Steel Spindles.



		rig. 51//	
No.	Size	Spindle	Per Pair
2373	13/4"	5"	\$4.50
2374	21/4"	$\frac{5}{16}''$	6.00
2375	21/2"	15''' 16''	7.50

With Cast Brass Roses and Steel Spindles.

PRESSED GLASS DRAWER KNOBS

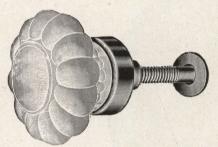


Fig. 5179

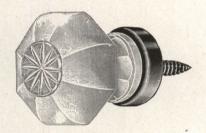


Fig. 5181

No.	Size	Per Doz.	No.
2376	3/4"	\$6.00	2380
2377	1 "	7.20	2381
2378	11/4"	8.40	2382
2379	11/2"	9.00	2383
	Steel Mach	ine Screws	

Size	Per Doz.
3/4"	\$6.60
1 "	8.40
11/4"	9.00
11/2"	10.20
Steel Machine Se	crews

CUT GLASS DRAWER KNOBS

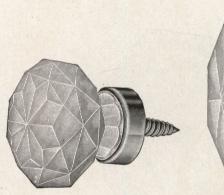


Fig. 5183

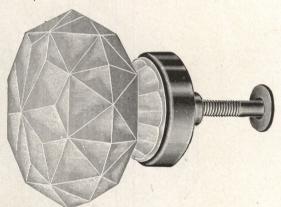


Fig. 5185

No.	Size Per Doz.	No.	Size	Per Doz.
2384	3/4"\$10.80	2388	3/4"	.\$12.00
2385	1 " 12.00	2389	1 "	
2386	11/4" 18.00	2390	11/4"	. 18.00
2387	11/2" 19.80	2391		
	Steel Machine Screws	Stee	el Machine Screws	

CAST BRASS SHIELD ESCUTCHEONS

Polished



Fig.	5187
------	------

No.	Size	Per Doz.
0	11/8"	\$1.20
1	11/2"	1.20
2	13/4"	1.20

CAST BRASS ESCUTCHEONS

Emery Finish



No.	Size	Fig. 5189 Per Doz.
2393	11/8" x 21/8"	\$4.80

CAST BRASS OVAL ESCUTCHEON

Polished



Fig. 5191

No.	Size	Per Doz.
2394	13/4" x 11/4"	\$5.00

CAST BRASS OVAL COMBINATION ESCUTCHEON Polished



Fig. 5193

No.	Size Overall Cente	r of Knob to Key Hole	Per Doz.
2395	6" for Lock No. 16	2"	\$6.00

CAST BRASS COMBINATION ESCUTCHEON Polished



No.	Size			Fig.	5195						Per Do	z.
THE RESERVE THE PROPERTY OF THE PARTY OF THE	11/2" x 53/4"	For	Locks	Nos.	10,	13,	131/2,	14,	70,	73,	75,	
76,	77, 81										\$6.0	0

In ordering state what Lock you wish to use them on.

CAST BRASS ESCUTCHEON WITH WOOD DROP Polished and Mahogany Finish



Fig. 5197

No. 2397

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS COMBINATION ESCUTCHEON Polished

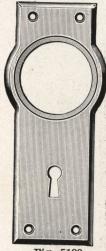


Fig. 5199

No. 2398

Size 61/4" x 2"

This Escutcheon is made to fit Screwless Knob Locks Nos. 2201, 2205, and 2221.

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS COMBINATION ESCUTCHEON AND FLUSH DROP HANDLES

Polished



Fig. 5201

No.	Size		Per Doz.
2399	13/4" x 43/4"	For Lock No.	75\$15.75

CAST BRASS SLIDING DOOR ESCUTCHEONS Polished



Fig. 5203

No.	Size	Per Doz.
2400	23/4" x 63/4"	\$36.00

CAST BRASS BUTT HINGES Emery Finish Fast Joint With Brass Pins

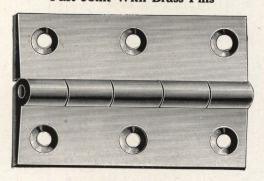


		Fig. 5205	
No.	Size	For Screw No.	Per Doz.Pairs
2401	1 "x 7/8"	4	
2402	11/4" x 1 "	4	
2403	1½" x 1 "	5	•
2404	11/2" x 11/4"		¢4.00
2405	11/2" x 11/2"		\$4.08
2406	13/4" x 11/4"	- /	4.44
2407	13/4" x 11/2"		4.44
2408	2 "x 11/4"	6	4.68
2409	$\frac{2}{2}$ "x 1½"	6	4.68
2410	$\frac{2}{2}$ "x 13/4"	6	5.28
2411	2 "x 2"	<u>6</u>	5.88
2412		<u> </u>	6.24
2413	$\frac{21}{2}$ " x $\frac{11}{2}$ "	7	6.00
	$\frac{21}{2}$ " x $\frac{13}{4}$ "	7	6.48
2414	$2\frac{1}{2}$ " x 2 "	7	7.80
2415	$2\frac{1}{2}$ " x $2\frac{1}{2}$ "	7	9.36
2416	$3 \text{ "} \times 11/2$ "	8	8.04
2417	3 "x2" 3 "x21/4" 3 "x21/2" 3 "x3"	8	8.64
2418	3 "x 21/4"	10	10.56
2419	3 "x 21/2"		11.28
2420			12.12
2421	31/2" x 21/2"		13.20
2422	$3\frac{1}{2}$ " x 3 "		15.24
2423	$3\frac{1}{2}$ " x $3\frac{1}{2}$ "		17.76
2424	4 "x3 "	10	18.72
2425	4 "x 31/2"	1 0	21.00
2426	4 "x4"		21.72
2427	41/2" x 3 "		24.00
2428	41/2" x 4 "		
2429	41/2" x 41/2"	12	28.56
2430	5" x 31/4"		30.00
2431	5 "x 4"		36.00
2432	5 "x 5 "		42.00
2772	, x,	12	60.00

Butts and Flaps are always measured along the Joint or Knuckle first. This is the Standard Commercial Line.

Goods listed without a Price are not carried in Stock, but can be furnished to order.

CAST BRASS BUTT HINGES Emery Finish Loose Joint With Brass Pins

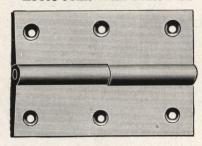


		Fig. 5207	
No.	Size	Screw No.	Per Doz. Pair
2433	2 "x 11/2"	7	\$6.24
2434	2 "x2"	7	7.20
2435	21/2" x 2 "	7	8.64
2436	21/2" x 21/2"	7	10.20
- 150	3 " × 2 "	0	10.80
2437) A 2	0	13.80
2438	$3 \text{ "} \times 21/2$ "	8	14.40
2439	3 "x3"	8	1 1. 10
2440	$31/2'' \times 3''$	11	15.60
2441	31/2" x 31/2"	10	19.68
2.442	4 "x 4 "	11	27.84

CAST BRASS PARLIAMENT BUTT HINGES Loose and Fast Joint Polished or Emery Finish

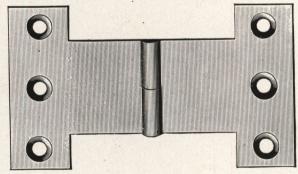


Fig. 5209

No.	Width Open Length Joint	No.	Width Open Length Joint
2443	13/8" x 2 "	2450	21/4" x 4 "
2444	13/4" x 2 "	2451	23/4" x 41/2"
2445	13/4" x 21/4"	2452	23/4" x 5 "
2446	13/4" x 21/2"	2453	3 "x5 "
2447	13/4" x 23/4"	2454	3 "x6"
2448	13/4" x 3 "	2455	31/4" x 6 "
2449	21/4" x 31/2"	2456	31/4" x 8 "

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRONZE BUTT HINGES Fast Joint Heavy, Emery Finish

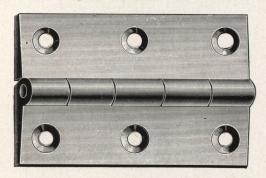


Fig. 5211

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-7-10-13-33-39—Type A

No.	Size	Per	Pair
2457	2 "x 11/2"	•	1.35
2458	$2\frac{1}{2}$ " x $1\frac{3}{4}$ "		2.00
2459	21/2" x 2 "		2.00
2460	$3\frac{1}{2}$ " x $3\frac{1}{2}$ "		4.75

CAST BRONZE LOOSE PIN BALL TIP BUTT HINGES Emery Finish

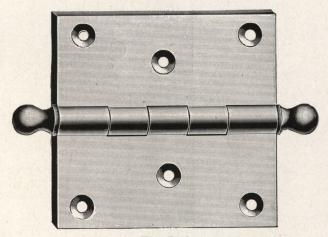


Fig. 5213

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-7-10-13-33-39—Type B

No.	Size	Per	Pair
2461	2 "x11/2"	\$	1.60
2462	21/2" x 13/4"		2.25
2463	21/2" x 2 "		2.25
2464	31/2" x 31/2"		5.25
В	utts or Flaps are	always measured along the Joint or Knuckle first.	

Polished CAST BRASS LOOSE PIN BUTTS WITH BALL TIPS AND BRASS PINS

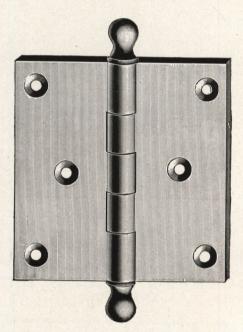


Fig. 5215

No.	Size		Per Pair
2465	2 "x 1½"	3/4" No. 6 Screws	\$1.35
2466	2 "x2 "	3/4" No. 7 Screws	1.45
2467	2½" x 2 "	7/8" No. 7 Screws	1.60
2468	$2\frac{1}{2}$ " x $2\frac{1}{2}$ "	7/8" No. 7 Screws	1.65
2469	3 "x2 "	1 " No. 8 Screws	1.75
2470	3 "x 2½"	1 " No. 8 Screws	2.20
2471	3 "x3 "	1 " No. 8 Screws	2.30
2472	3½" x 3 "	1 " No. 11 Screws	2.75
2473	31/2" x 31/2"	1 " No. 11 Screws	3.00

Packed complete with Screws.

This is the Standard Commercial Line.

Butts or Flaps are always measured along the Joint or Knuckle first.

CAST BRASS LOOSE PIN BUTTS WITH BALL TIPS & STEEL PINS & BUSHINGS

Extra Heavy

Polished

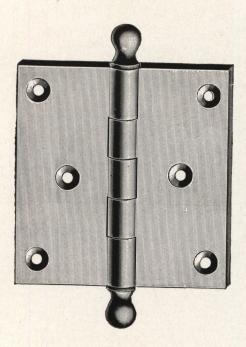


Fig. 5217

No.	Size		Per Pair
2477	3½" x 3½"	1 " No. 9 Screws	
2478	4 "x4 "	11/4" No. 9 Screws	
2479	4½" x 4½"	11/4" No. 10 Screws	
2480	5 "x5 "	11/4" No. 10 Screws	
2481	51/2" x 51/2"	1½" No. 12 Screws	
2482	6 "x6 "	1½" No. 12 Screws	

Packed complete with Screws.

Butts or Flaps are always Measured along the Joint or Knuckle first.

CAST BRASS NARROW FLAP HINGES Polished



Tier	5219
LIE.	0219

No.	Size	Per Do	z. Pair
2483	1/2" x 25/8"		\$3.60
2484	1/2" x 3 "		3.84
2485	3/4" x 3 "		4.08

CAST BRASS FLAP HINGES Emery Finish



Ti	cc	5221	

No.	Size	Per Doz. I	Pair
2486	1 "x2 "	\$3	.60
2487	11/4" x 21/4"	4.	.44
2488	11/2" x 21/2"	5.	.64
2489	13/4" x 3 "	7.	.08
2490	2"x3"	10.	.08
2491	2 "x4"		.40

CAST BRASS BAGATELLE HINGES Polished

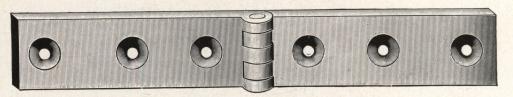


		Fig. 5223	
No.	Size		Per Doz. Pair
2492	1/2" x 4 "		\$5.28
2493	5/8" x 41/2"		5.64
	3/4" x 5 "		7.20
2494	/4		7.68
2495	$\frac{7}{8}$ " x 5 $\frac{1}{2}$ "		
2496	1 "x6"		10.08
P.,+	te or Flans are	Iways measured along the Joint	or Knuckle first.

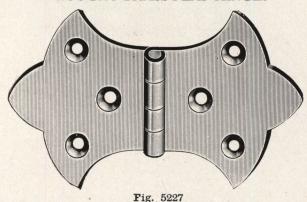
WROUGHT BRASS FLAP HINGES Polished



Fig. 5225

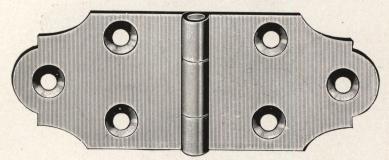
No.	Size	Per Do	z. Pair
66	31/2" x 3/4"		\$2.00
67	4 "x 3/4"		2.35
68	6 "x 7/8"		3.10

WROUGHT BRASS FLAP HINGES



No.	Size	Pe	r Doz.
76	21/4"	\$	1.20
75	3 "		1.80

CAST BRASS WASH TRAY HINGES Plain



Tie	5229

No.	Size	Per Doz. Pair
2497	13/8" x 3"	\$3.72
2498	13/8" x 4"	4.80
2499	1½" x 4" Extra Heavy	10.20

CAST BRASS COUNTER HINGES Polished

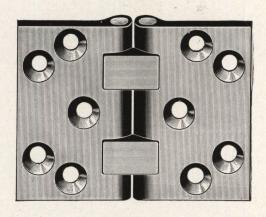


Fig. 5231

No.	Size	Per Doz. Pair
1	11/4" x 3 "	 \$9.60
2	2 "x 21/2"	 11.16
3	3 "x4"	20.04

CAST BRONZE SUPPORT HINGES Polished

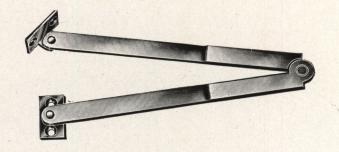
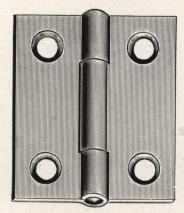


Fig. 5233

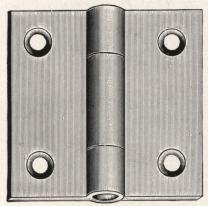
No.	Size	Per Doz. Pair
2500	8" Overall	\$19.20
2501	10" Overall	23.04
2502	12" Overall	25.56
2503	14" Overall	28.20

WROUGHT STEEL NARROW BUTTS Galvanized—Brass Pins



No.	Size	Fig. 5235	Per Doz. Pair
2504	$1\frac{1}{2}$ " x $1\frac{7}{16}$ "	4	\$1.00
2505	$2'' \times 1\frac{11}{16}''$	•	1.40
2506	21/2" x 17/8"		1.90
2507	3 "x 21/8"		2.50
2508	31/2" x 21/2"		3.70
2509	4 "x 27/8"		5.00
2510	5 "x 31/4"		7.70
Pa	acked with Screw	7 8.	

WROUGHT STEEL BROAD BUTTS Galvanized—Brass Pins



No.	Size	Fig. 5237	Per Doz. Pair
2511	2 "x2 "		\$2.00
2512	21/2" x 21/2"		2.80
2513	3 "x 3 "		3.60
2514	31/2" x 31/2"		5.20
2515	4 "x4"		6.80
2516	5 "x5"		12.00
2517	6 "x6"		16.30
Pa	cked with Screws		* () /)

WROUGHT STEEL REVERSIBLE BUTTS Galvanized

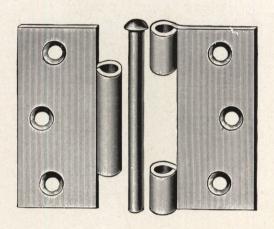


Fig. 5239

No.	Size	Per Doz. Pair
2518	2 "x2"	\$3.25
2519	21/2" x 21/2"	4.05
2520	3 "x3 "	4.80
2521	31/2" x 31/2"	6.90
2522	4 "x4"	9.40
2523	5 "x5 "	14.35
2524	6 "x6 "	22.00

Packed with Screws.

WROUGHT STEEL LOOSE PIN BALL TIP BUTTS

Galvanized

Fig. 5241

No.	Size	Per Pair
2525	2 "x2 "	\$.35
2526	21/2" x 21/2"	
2527	3 "x3 "	
2528	31/2" x 31/2"	
2529	4 "x4"	 .80
2530	5 "x5 "	1.40
2531	6 "x6 "	2.10

Packed with Screws.

WROUGHT STEEL FLAP HINGES

Galvanized—Brass Pin



Fig. 5243

No.	Size		Per Doz. Pair
2532	$3/4'' \times 23/4''$		\$1.50
2533	7/8" x 213"		1.60
2534	1 "x 27/8"		1.80
2535	$1\frac{1}{4}$ " x $3\frac{3}{16}$ "		2.20
2536	$1\frac{1}{2}$ " x $3\frac{7}{16}$ "		2.70
2537	13/4" x 4 "		3.20
2538	2 "x 43/8"		3.75
Pa	cked with Screw	vs.	

WROUGHT STEEL WASH TRAY HINGES

Galvanized

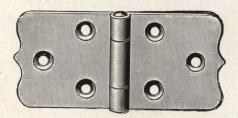


Fig. 5245

No.	Size	Per Doz. Pair
1	1½" x 2¾"	\$2.25
2	13/4" x 31/8"	2.70
3	2 "x 41/8"	3.25
F	Packed with Screen	

CAST BRONZE "T" HINGES Emery Finish

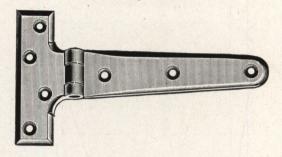


Fig. 5247

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-1-43

No.	Per Pair
2539	8" Overall, width of "T" 2" to center of pin, length of "T"
	4". Width at knuckle 1½", diameter of knuckle 5/8"\$3.75
2540	12" Overall, width of "T" 2" to center of pin, length of "T" 4". Width at knuckle 2", diameter of knuckle $\frac{5}{8}$ "

CAST BRASS "T" HINGES

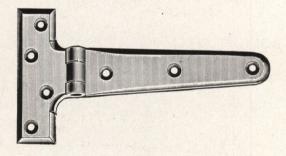


Fig. 5249

Measured Whole Length When Open

No.	Entire Length	Length of Strap	Plain Brass Per Pair	Polished Brass Per Pair
2541	5"	3 "	\$.85	\$1.15
2542	6"	41/2"	.90	1.25
2543	7"	5 "		1.40
2544	8"	6 "	1.05	1.55
2545	10"	8 "	2.20	2.40

PORT HINGES CAST BRASS & GALVANIZED MALLEABLE IRON

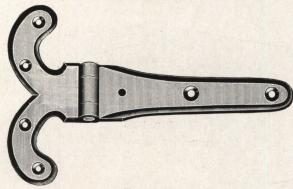


Fig. 5251

	Entire Length	Length of Strap		 Galvanized	Plain Brass	Polished Brass
No.				Per Pair	Per Pair	
2546	4"	21/4"		 \$.50	\$.65	\$.95
2547	5"	3 "		 65	.75	1.05
2548	6"	4 "	4	 70	1.05	1.45
2549	7"	41/2"		 95	1.20	1.65
2550	8"	51/2"		1.05	1.40	1.95
2551	10"	7 "		 1.65	1.90	2.55
2552	12"	81/4"		 2.10	3.35	4.00
2553	15"	11 "	Extra Heavy	 3.25	4.85	5.90

CAST BRASS PORT HINGES Extra Heavy Plain

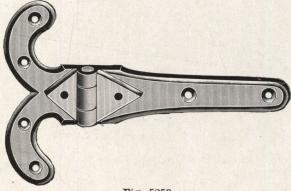
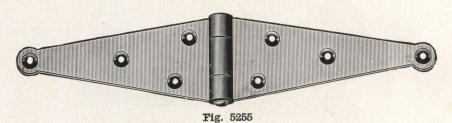


Fig. 5253

No.	Per Pair
2554	Extra Heavy, reinforced at knuckle, with one bolt hole in
	strap. Entire length, 10"; length of strap, 7"\$3.25
2555	Reinforced as above, with Lug Cast on back, tapped for ma-
	chine screw, for bolting through the door. Entire length, 10";
	length of strap, 7"

WROUGHT IRON STRAP HINGES Galvanized

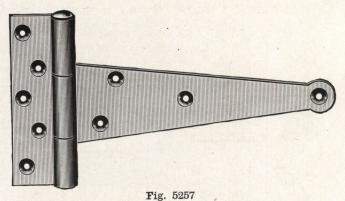


Measured by Length of Strap

	Light Str		BRASS PINS			
	BRASS F	INS	No.	Size	Per Doz. Pair	
No.	Size	Per Doz. Pair	2563	4"	\$3.30	
2556	3"	\$1.45	2564	5"	5.00	
2557		2.00	2565	6"	7.80	
2558		2.80	2566	8"	12.35	
2559		3.75	2567	10"	19.00	
2560		5.00	2568	12"	27.50	
2561		6.90	2569	14"	30.40	
2562		10.80	2570	16"	34.30	

WROUGHT IRON "T" HINGES

Galvanized



Measured by Length of Strap

	Heavy "	T"		Extra Hea	vy "T"
	BRASS P			BRASS	PINS
	DIVASSI	145	No.	Size	Per Doz. Pair
No.	Size	Per Doz. Pair	2578	4"	\$3.90
2571	4"	\$1.85	2579	5"	6.00
2572		2.50	2580	6"	8.50
2573	6"	2.90	2581	8"	13.50
2574	8"	3.50	2582	10"	19.00
2575	10"	5.15	2583	12"	28.00
2576	12"	7.75	2584	14"	30.00
2577	14"	11.00	2585	16"	31.50

CAST BRASS RAISED SCROLL HINGES

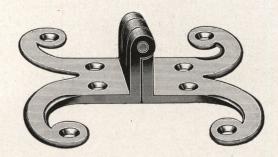


Fig. 5259

Measured Whole Length When Open

No.	Size	Plain Brass	Polished Brass
		Per Pair	PerPair
2586	5", Raised 1"	\$1.25	\$1.85

CAST BRASS RAISED PORT HINGES

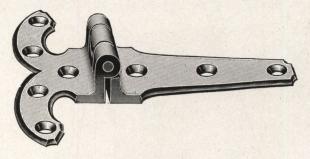


Fig. 5261

Measured Whole Length When Open

No.	Entire Length	Length of Strap	Raised	Plain Brass Per Pair	Polished Brass Per Pair
2587	6"	33/4"	3/4"	\$1.05	\$1.60
2588	8"	51/2"	1 "	2.00	3.00
2589	10"	7 "	1 "	2.50	3.75
2590	12"	81/4"	11/4"	6.30	9.50

CAST BRASS SKY-LIGHT HINGES



Light Pattern Measuring 1" Wide, 3" Thick, Knuckle 1/2" Diameter

No.	Length When Open	Distance Between Joints	Plain Brass Per Pair	Polished Brass Per Pair
2591	11 "	2 "	\$1.60	\$2.50
2592	113/4"	21/2"	1.60	2.50
2593	12 "	3 "	1.60	2.50
2594	123/4"	31/2"	1.60	2.50
2595	13 "	4 "	1.60	2.50
2596	131/4"	41/2"	1.75	2.85
2597	161/4"	5 "	1.75	2.85
2598	163/4"	51/2"	1.90	3.15
2599	17 "	6 "	2.00	3.30

CAST BRASS SKY-LIGHT HINGES



Fig. 5265

Heavy Pattern Measuring 13/4" Wide, 1/4" Thick, Knuckle 3/4" Diameter

	istance Be- een Joints	Straps	Overall	Plain Brass Per Pair
2600	5"	10"	25"	\$9.30
2601	6"	7"	20"	8.50
2602	6"	10"	26"	9.30
2603	6"	12"	30"	10.25
2604	7"	15"	37"	10.50
2605	8"	10"	28"	10.00
2606	8"	12"	32"	10.50
2607	8"	15"	38"	11.25
2608	101/4"	12"	34"	11.25



Fig. 5267

Extra Heavy Pattern Measuring 2" Wide, 3/8" Thick, Knuckle 7/8" Diameter

No.	Distance Between Joints	Straps	Overall	Plain Brass Per Pair
2609	7"	15"	37"	\$15.00

STRAP HINGES

CAST BRASS & GALVANIZED MALLEABLE IRON



Fig. 5269

Measured Whole Length When Open

No.	Entire Length	Galvanize Per Pair	Brass	Polished Brass Per Pair
2610	6"		\$.70	\$1.00
2611	8"	.80	1.10	1.60
2612	10"	1.20	1.30	1.85
2613	12"	1.45	1.80	2.40
2614	14"	Extra Heavy	2.20	2.90

CAST BRASS ICE HOUSE FLAP HINGES

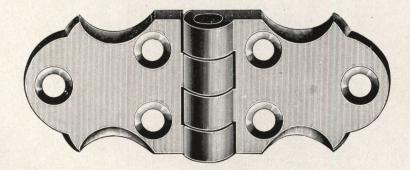


Fig. 5271

No.	Size		Per Doz.Pair
1	3"		\$5.28
2	4"		5.64
3	5"		8.76
4	6"		12.00

CAST BRASS REFRIGERATOR HINGES

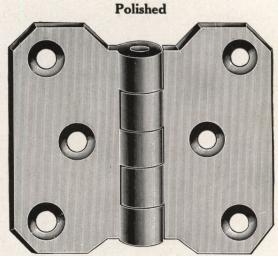
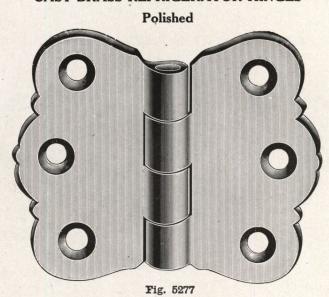


Fig. 5275

No. Size 412 2½" x 2¾"

Per Doz. Pair \$9.36

CAST BRASS REFRIGERATOR HINGES



No.	Size	Per Doz. Pair
6	2 "x 21/4"	\$5.04
7	23/4" x 31/4"	8.40
8	23/4" x 31/4"	Extra Heavy, To Order Only

CAST BRASS ICE HOUSE HINGES Polished

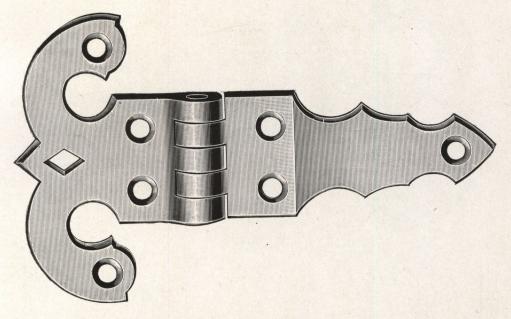


Fig. 5273

No.	Length Overall	Length Strap	Per Doz. Pair
030	41/2"	25/8"	\$ 5.40
30	5 "	3 "	5.64
31	5 3/4"	31/2"	6.84
32	61/4"	4 "	9.36
33	71/2"	5 "	
34	81/2"	6 "	
341/2	10 "	7 "	20.04
35	111/4"	8 "	25.20
36	13 "	9 "	48.72
37	14 "	10" "	52.56
38	161/2"	12 "	86.28
39	18 "	14 "	120.00
40	21 "	16 "	153.60
41	251/2"	20 "	187.80

CAST BRASS OFFSET REFRIGERATOR HINGES Polished

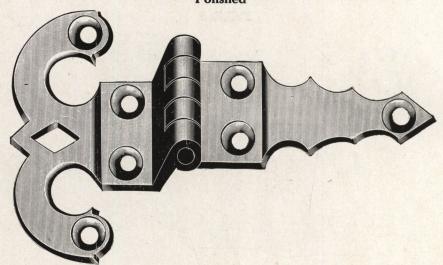


				Fig. 5307	
	Length	Strap	Offset		Per Doz. Pair
No.	Overall				
300	5 "	3 "	3/8"		\$6.84
301	53/4"	31/2"	3/8"	, , , , , , , , , , , , , , , , , , ,	8.76
302	61/4"	4 "	3/8"		12.00
303	71/2"	5 "	3/8"		15.00
304	81/2"	6 "	1/2"		23.04
305	111/2"	7 "	1/2"		30.00

CAST BRASS OVERLAP REFFRIGERATOR HINGES

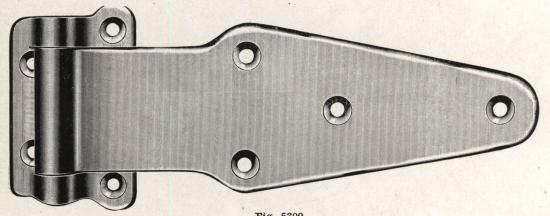


		Fig. 5309	
No.	Length	13/16 Offset 11/8 O	ffset
	Overall	Per Pair Per F	air
1	71/2"	\$4.50	
2	93/4"	5.50	0.00
3	131/2"	8.85	.75
4	161/4"	12.00	3.25
1	3" Offeet furnished ur	less otherwise ordered	

13" Offset furnished unless otherwise ordered. For Offset Levers see Fig.—, Page—.

5465 126

CAST BRASS REFRIGERATOR CORNER HINGES Polished

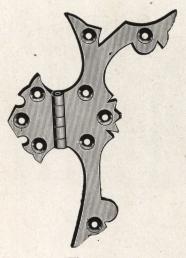


Fig. 5279

No.	Size	Des Des Des
1	5 "x 21/2"	Per Doz. Pair *8.16
2	7 "x3"	12.60
21/2	81/4" x 4 "	19.20
3	$9\frac{1}{2}$ " x 4 "	25.20

CAST BRASS REFRIGERATOR HINGES

Polished

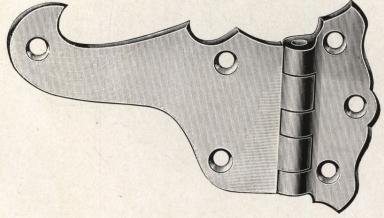


Fig. 5281

No.	Size	Offset	B D. D.
2615	5"	3/8"	Per Doz. Pair
		. , ,	\$15.00

CAST BRASS REFRIGERATOR EXTENSION LID HINGE Polished

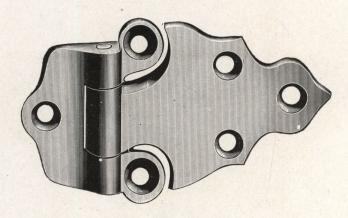


Fig. 5283

No.	Size	Offset	Per Doz. Pair
401	31/4"	3/8"	\$6.24

CAST BRASS EXTENSION REFRIGERATOR HINGES Polished

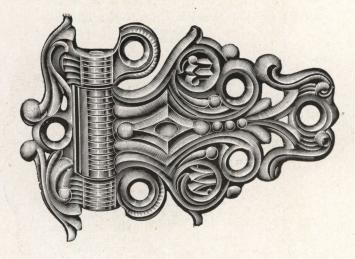


Fig. 5285

No.	Size	Offset		Per Doz. Pair
414	31/4"	3/8"	N.	\$6.60

CAST BRASS REFRIGERATOR HINGE

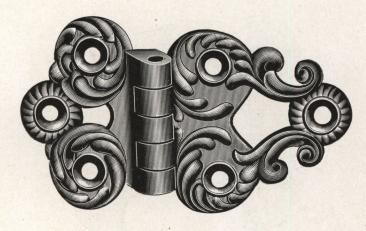


Fig. 5287

No.	Size	Offset	Per Doz. Pair
330	31/2"	3/8"	\$5.40

CAST BRASS REFRIGERATOR HINGE

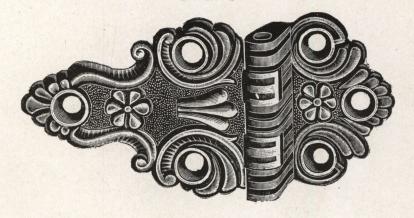


Fig. 5289

No.	Size	Offset	Per Doz. Pair
50	33/4"	3/8"	\$6.96

CAST BRASS REFRIGERATOR HINGE Polished

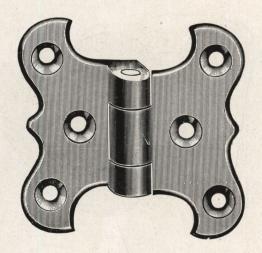
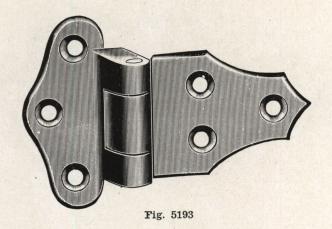


Fig. 5291

No.	Size	Offset	Per Do	z. Pair
407	21/4" x 23/8"	3/8"	\$	6.00
408	3 "x 31/2"	3/8"		9.60

CAST BRASS REFRIGERATOR HINGE Polished



No.	Size	Offset	Per Doz. Pair
411	2" x 3"	3/8"	 \$7.20

CAST BRASS REFRIGERATOR HINGE Polished

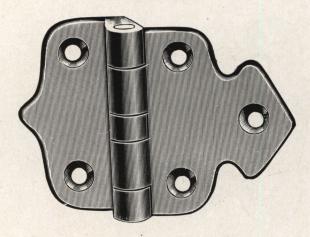


Fig. 5295

No. Size Offset Per Doz. Pair 409 2" x 3" 3/8" \$7.20

CAST BRASS REFRIGERATOR HINGE Polished

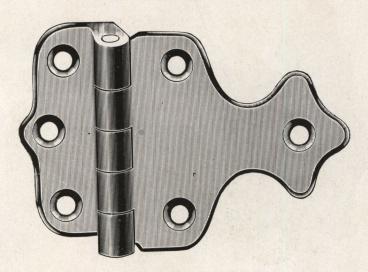


Fig. 5297

No. Size Offset Per Doz. Pair 410 23/8" x 31/2" 3/8" \$8.16

CAST BRASS REFRIGERATOR HINGE Polished

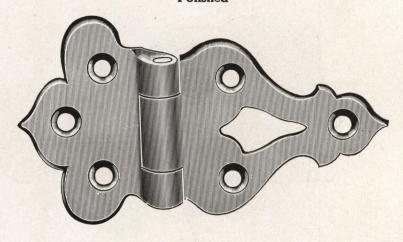


Fig. 5299

No.	Size	Offset	Per Doz. Pair
413	21/8" x 4"	3/8"	\$6.60

CAST BRASS REFRIGERATOR HINGE Polished



Fig. 5301

No.	Size	Offset	Per Doz. Pair
51	2½" x 4"	3/8"	\$8.76

CAST BRASS EXTENSION REFRIGERATOR HINGE Polished

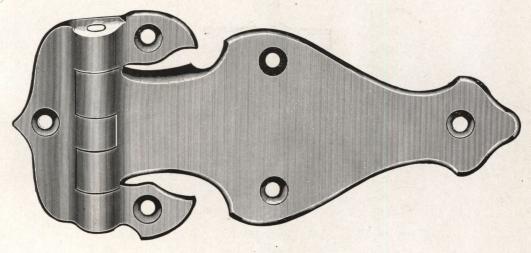


Fig. 5303

No.	Size	Offset	Per Doz. Pair
402	31/2" x 51/4"	3/8"	\$13.20

CAST BRASS REFRIGERATOR HINGE Polished



Fig. 5305

No.	Size	Offset	Per Doz. Pair
400	3" x 6"	3/8"	\$12.60

No.

3

5

Size

3"

CAST BRASS SPRING HINGES For Screen Doors

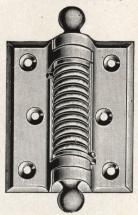
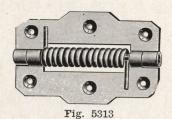


Fig. 5311

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-16

No.	Size	Per Pair
2616	3" x 21/2" Emery Finish Bronze	\$3.25
2617	3" x 2½" Polished Brass	3.00

WROUGHT BRASS SPRING HINGES Plain



Single to Swing One Way

Per Doz. Pair

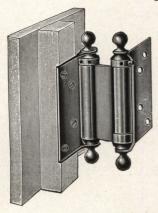
\$4.50



Fig. 5315

	I	Double to Swing Both Ways	
No.	Size		Per Doz. Pair
9	3"		\$8.30
11	5"		16.50

"NU" JAMB SPRING HINGES Polished Brass or Bronze



The Old Way

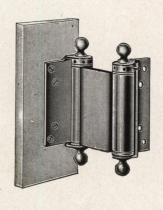


Fig. 5317

The "NU" Way

Single Acting

No.	Length of Flange	Thickness of Door	Per Pair
2618	3"	3/4"-1 "	\$5.33
2619	4"	1 "-11/4"	5.98
2620	5"	11/8"-11/2"	7.28
2621	6"	11/4"-13/4"	8.84
2622	7"	12/22	11.05
2623	8"	11/2"-21/4"	
2624	10"	13/4"-21/4"	20.93

Fig. 5319

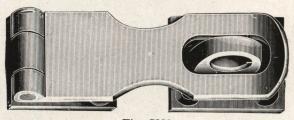
Double Acting

No.	Length of Flange	Thickness of Door	Per Pair
2625	3"	3/4"-1 "	\$8.73
2626	4"	1 "-11/4"	10.01
2627	5"	11/8"-11/2"	11.96
2628	6"	11/4"-13/4"	14.38
2629	7"	13/8"-2 "	
2630	8"	11/2"-21/4"	
2631	10"	13/4"-21/4"	

This hinge is fastened directly to the jamb and can be put on more easily and quickly than any other hinge. It gives a far more solid support for the door than if a hanging strip were used.

A saving of \$1.50 or more is made on every door hung with "NU" Jamb Spring Hinges because no hanging strip is required.

CAST BRONZE SECURITY HASP Emery Finish

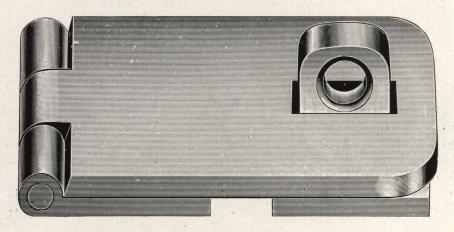


No. Length Overall Width 2632 3" 1"

Fig. 5321

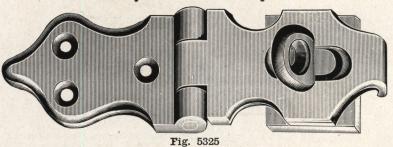
Per Doz.\$6.00

CAST BRASS AND BRONZE SECURITY HASPS



No. Length Overall Width 2633 4½" 15%" Emery Finish Bronze \$16.20 2634 4½" 15%" Polished Brass 13.80

CAST BRONZE HASP Emery Finish—Swivel Staple



No. Length Overall Width 2635 5" $1\frac{7}{16}$ "...

Per Doz. ...\$13.80

The above conform to U. S. Shipping Board Emergency Fleet Corp. Specifications F-153-45-47-49 respectively

CAST BRASS SECURITY HASPS Polished

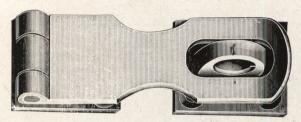
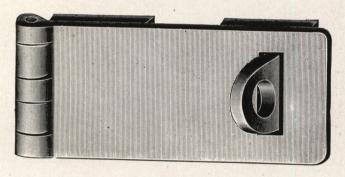


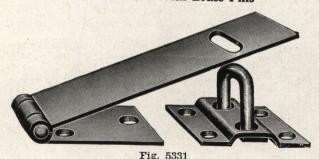
			Fig. 5327		
No. I	Length Overall	Width			Per Doz.
100	27/8"	1 "			\$4.20
102	33/4"	11/8"		1,5%	10.20
103	51/4"	13"			13.20
100 wi	ith Button St	aples 1" wid	dth		6.24

CAST BRASS SECURITY HASP Polished



No	T am m41 0 11	XX: 1.1	Fig. 5329	
101	Length Overall 31/4"	Width 13/6"		Per Doz.
101	3/4	1 /8"		\$5.40

WROUGHT STEEL SECURITY HASPS Galvanized—With Brass Pins



	1 18	. 0001	
Measure	7 6	When	Closed

No T	11 ****	Weasured when Closed	
No. Length Overa	II Width		Per Doz.
2636 3 "	11/2"		
2637 41/2"	11/11		\$1.80
./ 4	1/2" .		2.25
2638 6 "	17/0"		2.50
2639 8 "	21/11	r	3.50
	21/4"	Extra Heavy	11 00
Packed One	Pair in a	box complete with Screws.	11.00
- delica One	I all III a	box complete with Screws.	

CAST BRASS HASP Polished

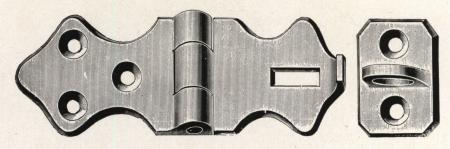


Fig. 5333

No.	Length Ove	all Width	Per Doz
0	31/2"	13"	\$3.72

CAST BRASS HASP Polished



No.	Length O	verall Width	Per Doz.
10	5"	11/2"	\$8.76

CAST BRASS HASPS Polished



Fig. 5337

No	Size		Per Doz.
12	4 "x 13/8"	· ·	\$9.00
1	51/4" x 15/8"	•	12.60
2	6 "x 13/4"	Continues L	13.80
		With Button Staples	
12	4 "x 13/8"		12.00

MALLEABLE IRON HASP Galvanized—With Brass Pins

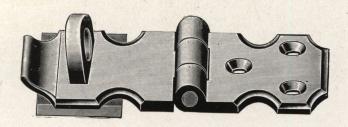


Fig. 5339

No.	Length Over	Per Doz.
1	5"	\$3.00

HINGED HASPS Galvanized—With Brass Pins



Measured by Length of Strap

No.	Siz	ze	Width	Per	Doz.
2640	3	".	11/8"	\$.85
2641	41/	5"	13"		1.15
2642	6	-"	$1\frac{9}{16}''$	· · · · · · · · · · · · · · · · · · ·	1.55
2643	8	"	17/8"		2.10
2644	10	"	21/8"		3.20
2645	12	"	23/4"		4.60

MALLEABLE IRON HASPS Galvanized—With Brass Pins

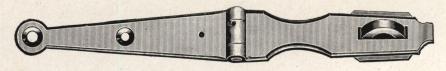


Fig. 5343

No.	Overall	Strap	Width	Per Doz.
2646	8"	41/2"	11/8"	\$3.25
2647	10"	51/2"	$1\frac{3}{16}''$	4.25

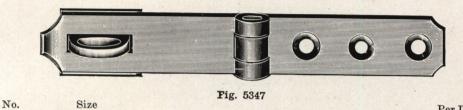
CAST BRASS HINGE HASPS



				Fig. 5345	Polished
No.	Length Overall	Length Strap	Width	Brass Per Doz.	Brass Per Doz.
2648	6"	31/2"	11/4"	\$9.00	\$12.00
2649	8"	41/2"	11/4"	12.00	18.00
2650	10"	53/4"	17"	13.20	19.80
2651	12"	63/4"	$1\frac{7}{16}''$	17.20	25.80

Per Doz.

CAST BRASS HASP Polished



\$3.72

CAST BRASS HASP Polished

41/2" x 5/8"

13

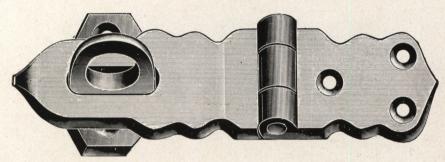
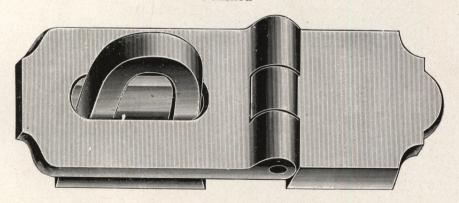


Fig. 5349 No. Size Per Doz. 11 51/2" x 13/8" ...\$6.24

CAST BRASS STORE DOOR HASP **Polished**

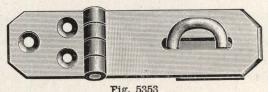


Size Fig. 5351

Size Per Doz. \$15.00 No. 21 Furnished with Machine Screws that go through the Door from the inside.

WROUGHT BRASS HASPS

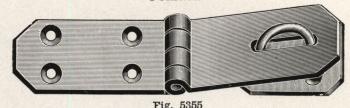
Polished



No.	Size	Per D	oz.
418	23/4"	\$.	85
419	3 "	1.	25

WROUGHT BRASS HASPS

Polished



No.	Size	11g. 0000	Per Doz.
420	31/2" x 3/4"		\$1.35
421		λ	2.00

CAST BRASS COMBINATION HASP AND BOLT

Polished

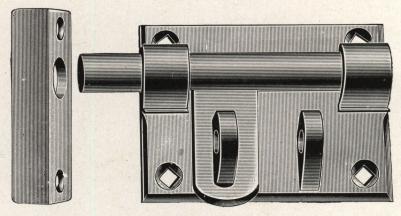


Fig. 5357

No.	Size Plate	Size Bolt	Each
2652	3" x 41/4"	41/2" x 9"	
Fu	rnished with R	ight or Left Ha	and Striking Plate and Bolts for fastening

to Door.

CAST BRASS AUTO HASP

Polished

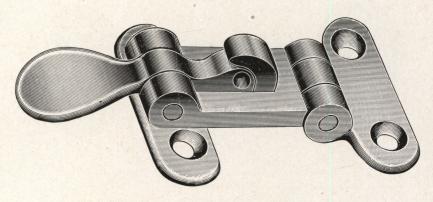


Fig. 5359

No.	Size		Per Doz.
2653	4" x 2"		\$10.80
Но	le for Padlock 1/4"	Dia.	

CAST BRASS COMBINATION HASP WITH SPRING LOCK Polished

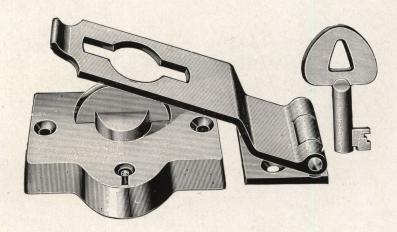


Fig. 5361

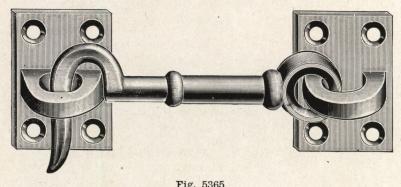
No.	Size	Per Doz.
2654	31/4" x 17/8"	\$12.00

CAST BRASS CABIN DOOR HOOKS Polished With Cast Brass Plates



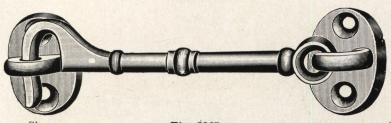
		Fig. 5363	
No.	Size	Per Do	oz.
2655	11/2"	\$4.2	20
2656	2 "	4.4	44
2657	21/2"	5.0	04
2658	3 "	5.4	10
2659	31/2"	6.0	00
2660	4 "	6.8	34
2661	5 "	8.0)4
2662	6 "	9.0	00
2663	8 "	11.4	10
2664	10 "		30

CAST BRASS CABIN DOOR HOOKS Extra Heavy—Polished



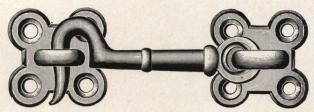
			118. 0000		
No.	Si	ze			Per Doz.
2665	2	"			\$5.04
2666	21	12"	Control of the Contro		F (1
2667	3	-"			6.24
2668	31	12"	The state of the s		7.20
2669	4	-"			861
2670	5	"			11 40
2671	6	"			12.84
2672	8	"			16.80
2673	10	"			21.60
2674	12	"		10 1 10 10 10	25.80

CAST BRASS, EXTRA HEAVY "SPECIAL" CABIN DOOR HOOKS Polished



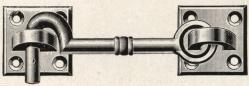
No.	Size	F ig. 5367	Per Doz.
2675	3" x 2"		\$12.00
2676	4" x 2"		13.20
2677	6" x 2"		17.40
2678	8" x 2"		24.00
2679	10" x 2"		
2680	12" x 2"		33.60
2681	14" x 2"		42.00
2682	16" x 2"		= 1 00
2680 2681	12" x 2" 14" x 2"		33.60

CAST BRASS CABIN DOOR HOOKS Extra Heavy Plain



No.	Size	Fig. 5369	Per Doz.
2683	3 "x 1½"		\$5.40
2684	31/2" x 11/2"		6.60
2685	4 "x 11/2"		7.80
2686	5 "x 11/2"		12.60
2687	6 "x 1½"		15.00
2688	$8 \text{ "} \times 11/2 \text{"}$		24.00

CAST BRASS CABIN DOOR HOOKS Extra Heavy Polished



No.	Size	Fig. 5371	Per Doz.
2020	31/2"		\$8.40
2021	4 "		9.60
2022	6 "		12.00

CAST BRASS DOUBLE JOINTED CABIN DOOR HOOKS Extra Heavy Polished

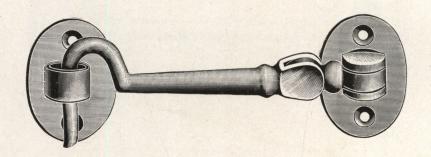


Fig. 5373	
Size	Per Doz.
3"	
4"	13.20
5"	14.40
6"	17.40
7"	21.00
011	24.00
10"	30.00
12"	33.00
14"	42.00
16"	51.00
	Size 3" 4" 5" 6" 7" 8" 10" 12" 14"

CAST BRONZE DOUBLE JOINTED CABIN DOOR HOOKS Extra Heavy Emery Finish

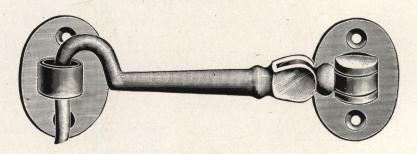


Fig. 5375

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-4-6-18

No.	Síze	I	Per Doz.
2699	31/2"		11.40
2700	5 "		15.00
2701	8 "		21.60

CAST BRASS SLIDING DOOR HOOK Polished

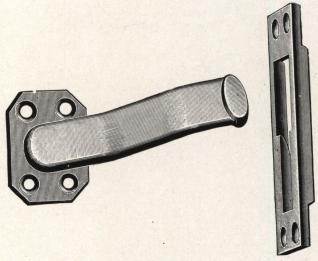


Fig. 5377

No.	Size	Per Doz.
2702	3"	\$8.16

For Single Doors, Right and Left Hand.

CAST BRASS SLIDING DOOR HOOK Polished

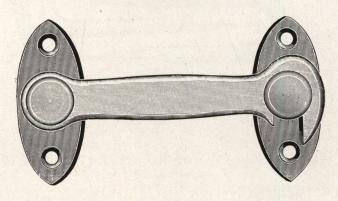
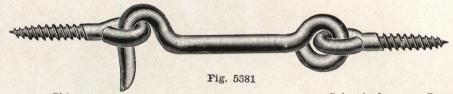


Fig. 5379

No.	Size	Per Doz.
2703	5"	\$10.32

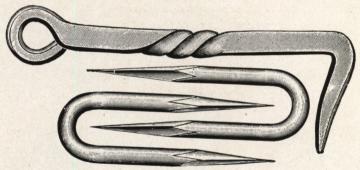
For Double Doors.

WIRE GATE HOOKS AND EYES Galvanized and Brass



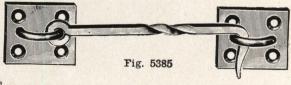
No.	Size	Galvanized	Brass
		Per Gross	Per Gross
2704	11/2"	\$6.50	\$24.00
2705	2 "	8.00	30.00
2706	21/2"	10.00	36.00
2707	3 "	12.00	46.00
2708	31/2"	14.50	58.00
2709	4 "	17.00	64.00
2710	5 "	24.00	82.00
2711	6 "	30.00	110.00
2712	8 "	36.00	130.00
2713	10 "	42.00	150.00
2714	12 "	48.00	170.00
2715	14 "	55.00	180.00
2716	16 "	70.00	200.00

WROUGHT IRON HOOKS AND STAPLES Galvanized



No.	Size	F ig. 5383	er Gross
2717	3 "	[2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	\$11.00
2718	31/3"		12.50
2719	4 "	Extra Heavy	18.50
2720	5 "	Extra Heavy	23.00
2721	6 "	Extra Heavy	28.00

WROUGHT IRON HOOKS AND PLATE STAPLES Galvanized



CAST BRASS PLATE STAPLES FOR CABIN DOOR HOOKS

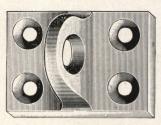
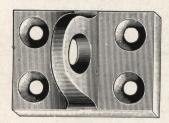




	Fig. 5387		
No.			Per Doz.
2723	Oval Plate for 11/2" and 2"	Fig. 5363	\$2.40
2724	Oval Plate for 21/2", 3" and 31/2"	Fig. 5363	2.40
2725	Oval Plate for 4", 5", 6", 8", and 10"	Fig. 5363	3.60
2726	Oblong Plate for 2", 21/2", 3", 31/2", 4", 5",		
2726	6" and 8"	Fig. 5365	3.60
2727	Oblong Plate for 10" and 12"	Fig. 5365	3.60
2728	Square Plate for 3", 31/2", 4", 5", 6" and 8".		3.60
2729	Square Plate for 31/2", 4" and 6"		3.60
2730	Oval Plate for 3", 4", 6", 8", 10", 12",		
2/30	14" and 16"	Fig. 5367	5.40
2721	Oval Plate for 3", 31/2", 4", 5", 6", 8",		
2731	110", 12", 14" and 16"	Fig. 5373	7.20
		3	

CAST BRASS PLATE STAPLES FOR HASPS



No. Fo		N	Fig. 5389		
2732	r Hasp				Per Doz.
2733	1	••••••			
2734	1			7 3 5 7 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
	10		•		
2735	10				3.00
2736	11				3.00
2737	12				2.40
2738	13				2.40
2739	20				
2740	21				1.20
2741	100				2.40
2742	101				2 10
2743	102				2 40
2744	103				2.40
2745	6"	N Y Pattern		N4 (2.40
2746	8"	N Y Pattern			3.00
2747	10"	N Y Pattern			3.00
2748 Button	100				
2749 Button	12				
217) Dutton	12	***************************************			6.00

WROUGHT BRASS MIRROR PLATE Plain



Fig. 5391

No.	Size	Per Gross
1262	2" x 3/4"	\$2.50

WROUGHT BRASS MIRROR PLATES Plain



Fig. 5393

No.	Size	Per	Gross
1258	11/8" x 11/8"		2.15
1259	11/4" x 11/4"		2.35
1260	$1\frac{7}{16}$ " x $1\frac{7}{16}$ "		2.80
1261	13/4" x 13/4"		4.00

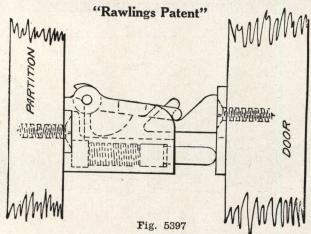
CAST BRASS PADLOCK EYES Polished



Fig.	5395
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		0.	
No.	Size	Pe	er Doz.
1239	13/4" x 11/2"		\$1.80
1240	2 "x 13/4"		2.52
1241	25/8" x 2 "		2.72

CAST BRONZE AUTOMATIC SAFETY HOOK DOOR HOLDERS



Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-3

No. 2750 Standard Size (small) 23/4"	Unfinished Per Doz\$24.00	Em. Finished Per Doz. \$25.00 39.72	Polished Per Doz. \$27.00 43.20
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CAST BRASS AUTOMATIC GRIP DOOR HOLDER Polished

No.	Fig. 5399	Per Doz.
300	For Holding Doors Closed	\$18.60
301	For Holding Doors Open	18.60

A substantial and effective device for holding closed, doors that open outward.

Especially designed for schools and other public buildings where the law requires doors to open outward, and to be released when closed, by simply pushing outward.

This is the only substantial device on the market which fully meets the requirements of the law.

CAST BRASS DOOR HOLDER

Polished

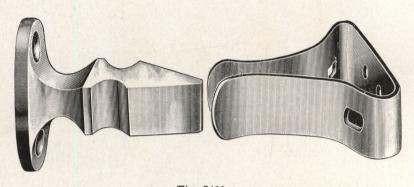


Fig. 5401 Side Pattern

No.	Per Doz.
2752	 \$5.04

CAST BRASS DOOR HOLDER Polished

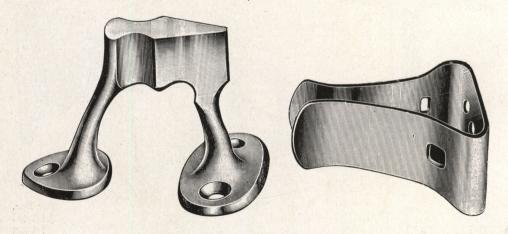


Fig. 5403 Floor Pattern

No.		Per Doz.
2753		\$5.76

CAST BRASS BOTTOM DOOR CATCH

Plain

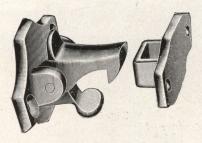


Fig. 5405

No.	Size of Plate		Per Doz.
2754	$1\frac{7}{8}$ " x $2\frac{3}{8}$ "	2	\$6.72

CAST BRASS THUMB LATCH

Polished

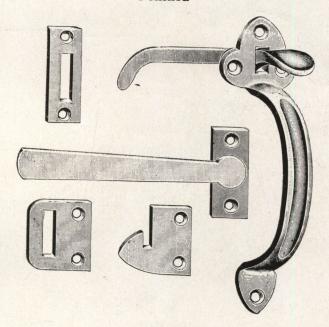
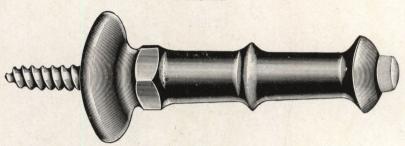


Fig. 5407

No.	Length of Latch	Length of Handle	Per Doz.
700	6" .	61/4"	\$30.00

CAST BRASS DOOR STOP Polished

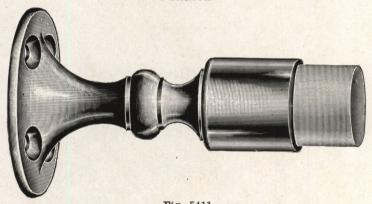


No. Projection 3"

Fig. 5409 Diameter of Base

Per Doz.\$5.52

CAST BRASS DOOR STOPS Polished



No. Projection 2756 37/8" 2757 37/8"

Fig. 5411

Diameter of Base Per Doz.

2 3/8" \$21.00

2 3/8" With Hook 27.00

WOOD DOOR STOP

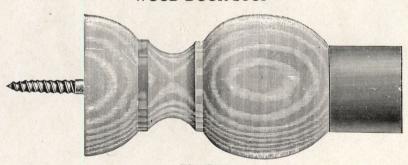


Fig. 5413 Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-9

No. Projection 31/2"

Diameter of Base

Per Doz. \$4.80

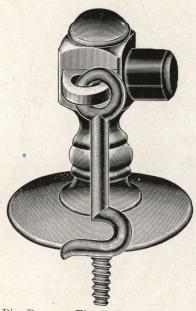
CAST BRASS DOOR STOP Polished



No. 2759 Height 21/2" Dia. Base Fig. 5415 2"

Per Doz. .\$9.60

CAST BRASS DOOR STOP With Hook **Polished**



No. 2760

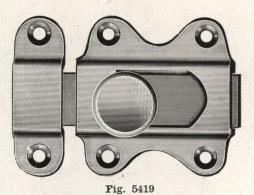
Height 21/2"

Dia. Base

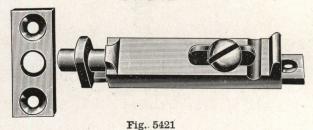
Fig. 5417

Per Doz. \$24.00

CAST BRASS CUPBOARD BOLT Polished

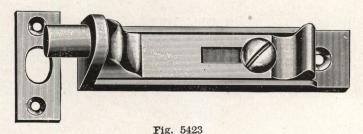


CAST BRASS CUPBOARD BOLTS Polished



No. Size Per Doz. 2761 2 "x ½" \$5.04 2762 2½" x ½" 6.24 2763 3 "x ½" 7.80 2764 3½" x ½" 8.40

CAST BRASS NECKED O. K. BOLTS Polished



No.	Size		Per Doz.
2765	31/2" x 1/2"		\$9.00
2766	41/2" x 15"		13.80
2767		Extra Heavy	62.40

BRONZE BARREL BOLT

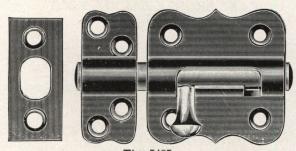
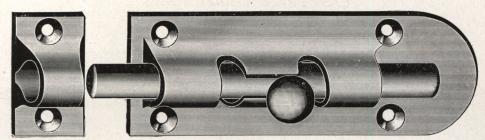


Fig. 5425
Conform to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-41

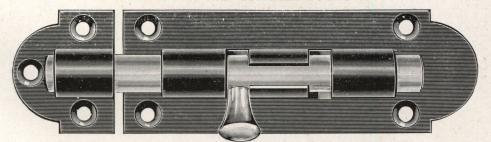
		opecification 1-133-11	
No.	Size		Per Doz.
2768	21/2"		\$5.52
2700	4/2		

CAST BRASS BARREL BOLTS Light Pattern Polished



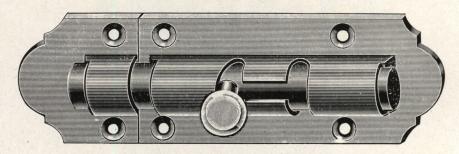
No.	Size	Fig. 5427	Per Doz.
1	21/4" x 11/8"		\$4.20
2	3 "x 11/4"		4.80
3	4 "x 11/4"		6.24
4	5 "x 11/2"		8.40
5	6 " x $1\frac{1}{2}$ "		11.04

GALVANIZED BARREL BOLTS



No. 2769	Size		er Doz.
2770	3" x 13/8" 4" x 11/2"		3.50
2771	$5'' \times 11/2''$		4.00
2772	6" x 15/8"		4.50
2773	8" x 13/4"	The state of the s	8.00

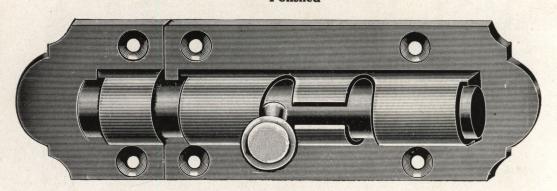
CAST BRONZE BARREL BOLT Emery Finish



Conform to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-20

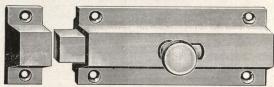
No. Size Per Doz. 2774 3" x 1 \(\frac{3}{16} \) \(\frac{1}{3} \) \(\frac{1}{3} \) \(\frac{1}{3} \)

CAST BRASS BARREL BOLTS Extra Heavy Polished



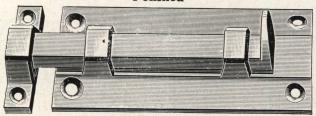
No.	Size	Fig. 5433	er Doz.
2775	3" x 13/8"		\$12.60
2776	4" x 15/8"		15.00
2777	5" x 15/8"		18.60
2778	6" x 15/8"		24.00
2779	8" x 2 "		30.00
2780	10" x 2 "		39.00

CAST BRASS CASED BOLT Polished



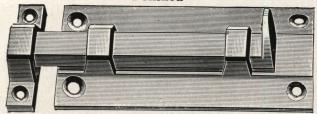
No.	Size	Fig. 5435	Per Doz.
2781	$15/8'' \times 33/4''$		\$12.00

CAST BRASS SHIP BOLTS Light Pattern Polished



37	~:	Fig. 5437	
No.	Size		Per Doz.
10	2"x1"		\$3.60
11	3" x 11/8"		4 20
12	4" x 13/8"		5.52
13	5" x 15/8"		8.40

CAST BRASS STRAIGHT SQUARE BOLTS Extra Heavy Polished



**	~.	1 1g. 0400	
No.	Size		Per Doz.
1	3 "x 13/8"		\$7.20
2	31/2" x 13/8"		8.40
3	4 "x 11/2"		9.60
4	5 "x 15/8"		12.00
5	6 "x 1.3/4"		14 40
6	8 "x2"		27.60
7	$10 \text{ "} \times 2\frac{1}{4}$ "		33.60
8	12 "x 21/4"		48.00

CAST BRONZE STRAIGHT SQUARE BOLT Emery Finish

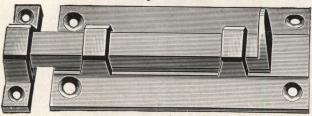
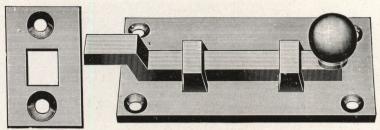


Fig. 5441
Conform to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153.57

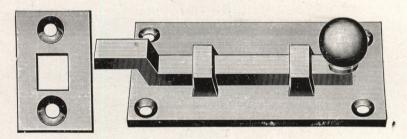
NT-	a :	Specification F-155.57	
No.	Size		Each
2782	5" x 1 111"		Lach
2702	J X 116		 \$1.85

CAST BRASS NECKED SQUARE BOLTS Light Pattern Polished



No.	Size	Fig. 5443	Per Doz.
7	3" x 11/4"		\$4.80
8	$4'' \times 1_{\overline{16}}''$		5.52

CAST BRASS NECKED SQUARE BOLTS Extra Heavy Polished



No.	Size	Fig. 5445	Per Doz.
1	3 "x 11/4"		\$9.00
2	31/2" x 11/2"		10.20
3	4 "x 11/2"		11.40
4	5 "x 13/4"		14.40
5	6 "x 13/4"		19.20
6	8 "x2"		32.00

CAST BRONZE FLUSH BOLT Emery Finish

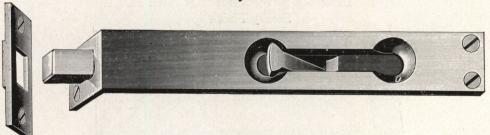


Fig. 5447

Conform to U. S. Shipping Board Emergency Fleet Corp.

Specification F-153-56

No.	Size		Per Doz.
2783	12"	2.50.000	\$43.20

CAST BRASS SLIDING DOOR SHEAVE

Polished



Fig. 5449

No.	Size of Sheave	Size of Plate		Per Doz.
11	1/4" x 11/4"	11/4 x 21/4"	•	 \$11.40

CAST BRASS SLIDING DOOR SHEAVE

Polished

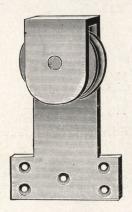


Fig. 5451

No.	Size of Sheave	Size of Plate	Per Doz.
10	5" x 15/8"	11/2" x 33/4"	\$22.20

CAST BRASS BOTTOM SLIDING DOOR SHEAVES

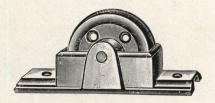


Fig. 5453

No.	Size of Sheave	Size of Plate	Per Doz.
2/0	$\frac{5}{16}$ " x $\frac{7}{8}$ " x $\frac{7}{8}$ "	5/8" x 21/4"	\$3.00
3	3/8" x 7/8"	3/4" x 23/8"	4.20
4	$\frac{7}{16}$ " x 15/8"	1 "x 33/4"	8.40
5	$1/2'' \times 21/2''$	1 "x 41/2"	15.00
6	1/2" x 33/4"	1 "x6"	17.40
	Square Groove	Furnished to	Order.

CAST BRASS SURFACE SLIDING DOOR SHEAVES Polished



Fig. 5455

No.	Size of Sheave	Size of Plate	Per Doz.
0	1/4" x 15/8"	2 "x 31/2"	\$9.60
1	$\frac{9}{16}$ " x 21/2"	3 "x5"	21.00
2	5/8" x 3 "	31/4" x 6 "	27.00
8	5/8" x 31/4"	51/2" x 61/2"	Extra Heavy. Made in three separ-
	ate pieces. Pl	ate both sides	of Door

WROUGHT BRASS SLIDING DOOR TRACK

Fig. 5457

No.	Size	Per Foot
2784 2785	1 "	\$.21
2786	11/8"	
Fu	rnished in 4-, 5- and 6-foot lengths.	

BRONZE PUSH PLATE Polished

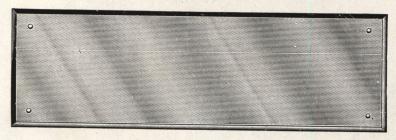


Fig. 5459

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-22

No. 2787

Size Overall 31/2" x 15"

Each ...\$4.25

BRONZE KICK PLATE Polished

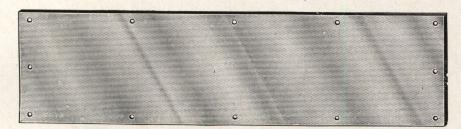


Fig. 5461

Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-23

No. 2788

Size Overall 8" x 22"

Each \$10.50

CAST BRASS STEP PLATES Plain



Fig. 5463

No.	Size	Each
2789	2 "x 18" x 1/4" thick	\$2.40
2790	$2\frac{1}{2}$ " x 18" x $\frac{1}{4}$ " thick	2.85
2791	$3 \text{ "} \times 18 \text{"} \times \frac{1}{4} \text{" thick}$	3.00

The above pattern and sizes in stock. Any design or size furnished to order.

CAST BRASS AND IRON REFRIGERATOR LEVERS

Condit Pattern-With Bolts and Nuts

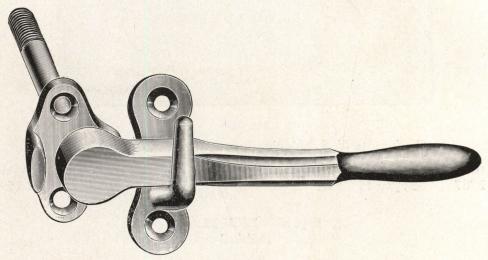
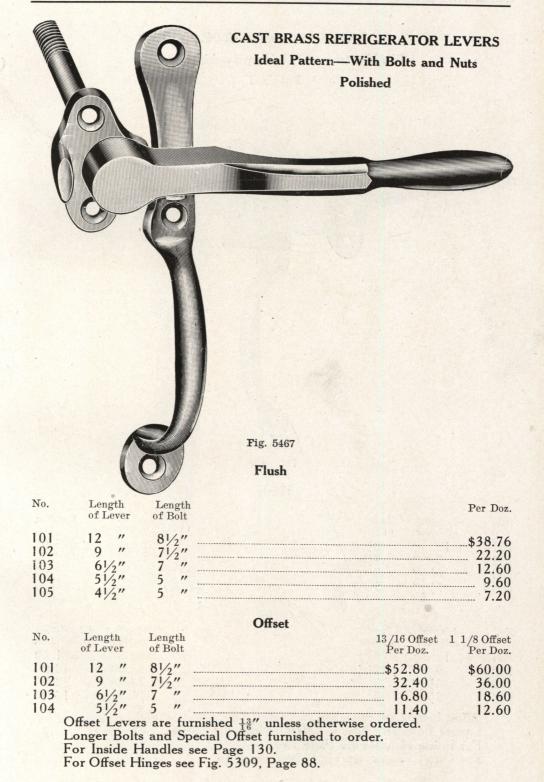


Fig. 5465

No. 1 2 3 4 5	Length of Lever 12 " 9 " 6½" 5½" 4½"	Length of Bolt 8½" 7½" 7 " 5 " 5 "		9.24 5.40 4.20	Polished Brass Per Doz. \$38.76 22.56 12.60 9.36 7.20
6	41/2"	W	ithout Bolt		7.20
10 20	12" 9"	12" 10"	Extra Long Bolts		\$21.00 16.20
			Offset		
No.	Length of Lever	Length of Bolt		13/16 Offset Per Doz.	
1	12 "	81/2"		\$52.80	\$60.00
2	9 "	71/2"		22 10	36.00
3	6½" 5½"	7 "	(C) 1957 - 1957		18.60 12.60
	,				

Offset Levers are furnished \(\frac{1}{6}\) unless otherwise ordered. Longer Bolts and Special Offset furnished to order. For Inside Handles see Page 130. For Offset Hinges see Fig. 5309, Page 88.



CAST BRASS REFRIGERATOR LEVERS Ideal Pattern-With Hasp Locking Device Polished

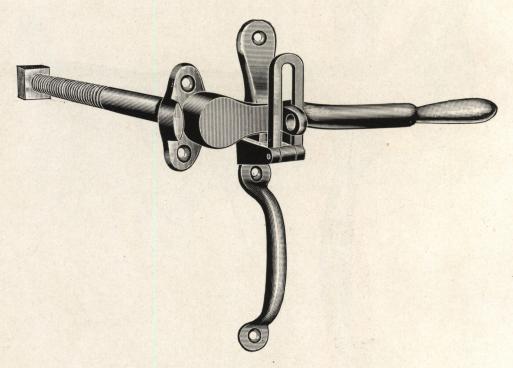


Fig. 5469

Flush

No.	Length of Lever	Length of Bolt			Per Doz.
1010	12 "	81/2"			\$75.00
1020	9 "	71/2"			33.00
1030	61/2"	7 "			19.20
1040	51/2"	5 "			16.20
			Offset		
No.	Length of Lever	Length of Bolt		13/16 Offset Per Doz.	11/8 Offset Per Doz.
1010	12 "	81/2"		\$82.80	\$91.20
1020	9 "	71/2"		37.80	42.00
1030	61/2"	7 "		20.40	22.80
1040	51/2"	5 "		16.20	18.00

Offset Levers are furnished \(\frac{13}{6}\)" unless otherwise ordered. Longer Bolts and Special Offset furnished to order. For Inside Handles see Page 130. For Offset Hinges see Fig. 5309, Page 88.

CAST BRASS SELF CLOSING REFRIGERATOR LEVERS Polished

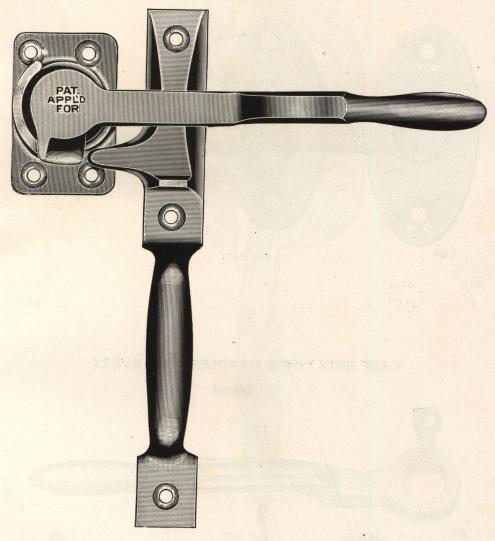


Fig. 5471

No.	Size of Lever	er Doz.
2792 2793	51/2"	13.80
2794	8 "	40.80

The advantage of these Levers over the regular types is that there is a cam on the Lever which engages the lip of the Pull, so that when the door is slammed or closed, the Lever automatically throws over, locking, and as well, wedging the door tightly.

CAST BRASS SURFACE LEVER

Polished

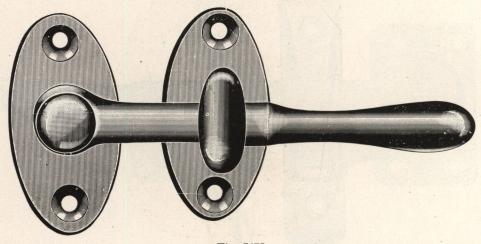


Fig. 5473

No.	Size	Per Doz.
1	41/2"	\$6.96

CAST IRON INSIDE HANDLES FOR LEVERS

Galvanized

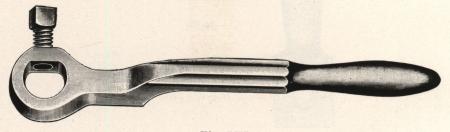


Fig. 5475

	Overall of Ha	andle			Per Doz.
1	9"	for $\left\{\right.$	1 101 1010	Levers	\$7.56
2	6"	for $\left\{ \right.$	2 102 1020	} Levers	\$5.04
			to order.		

CAST BRASS "STANDARD" REFRIGERATOR FASTENERS Polished

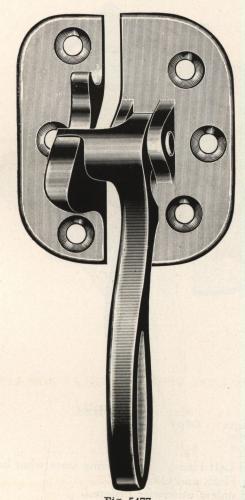


Fig. 5477

		Cut is Right Hand	
No.	Length of	Length	Per Doz.
	Lever	Overall	- 01 2021
1	21/8"	27/8"	\$5.52
2	21/2"	31/2"	6.96
21/2	31/."	41/11	
2/2	3/4	5 "	7.20
)	4 "	5 "	8.40
4	41/4"	51/2"	12.00
5	43/4"	61/4"	20.40
6	53/4"	71/2"	26.40
	TI 400 1	/ 2	20.70

The "Standard" is constructed on the most scientific principles and possesses value hitherto unknown in Refrigerator Fasteners.

Holds doors, positively no strain on the rivet.

Made Right and Left Hand. In ordering state what hand is required. Carried in stock, Flush and Offset. Flush furnished unless otherwise ordered. Furnished in \(^1/2''\), \(^1/8''\), \(^1/8''\) and \(^1''\) Offset to order and at additional

price.

CAST BRASS "STANDARD" REFRIGERATOR LOCK LEVER Polished

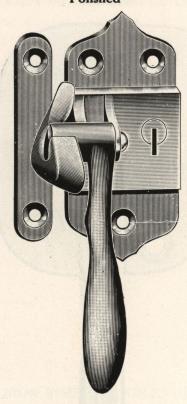
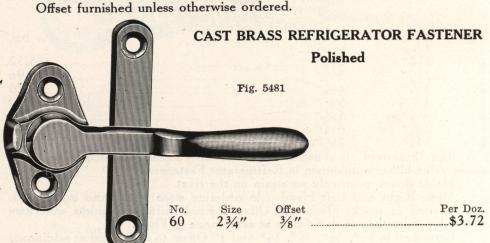


Fig. 5479 Cut is Right Hand.

				is Right Hand.
No.	Length	Length	Offset	Per Doz.
	Overall	Lever		
2			3/11	\$7.56
4	3 3/4"	21/2"	7/8	\$7.50
	Made Righ	t and Left	Hand.	In ordering state what hand is required.
	Carried in			
	Offset furn	ished unle	ss other	rwise ordered.



CAST BRASS "STANDARD" REFRIGERATOR LOCK LEVER

Polished

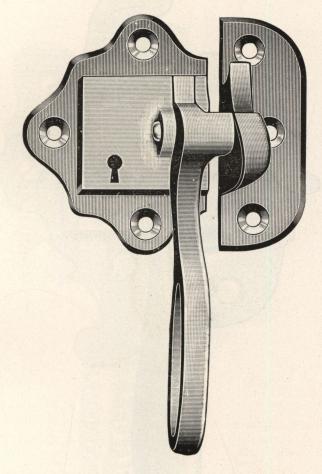


Fig. 5483

Cut is Left Hand.

No.	Length Overall	Length Lever	Offset	Per Doz.
3	5"	4"	3/8"	\$11.28

Made Right and Left Hand. In ordering state what hand is required.

Carried in stock Flush and Offset.

CAST BRASS "STANDARD" REFRIGERATOR LOCK LEVER Polished

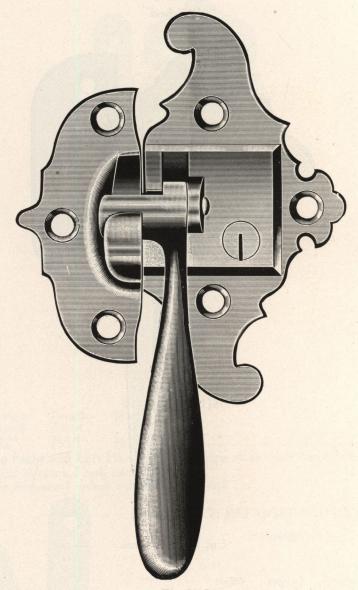


Fig. 5485

Cut is Right Hand.

No.	Length Overall	Length	Offset	Per Doz.
		4"	3/8"	\$15.00

Made Right and Left Hand. In ordering, state what hand is required. Carried in stock Flush and Offset. Offset furnished unless otherwise ordered.

CAST BRASS "STANDARD" REFRIGERATOR LOCK LEVER Polished

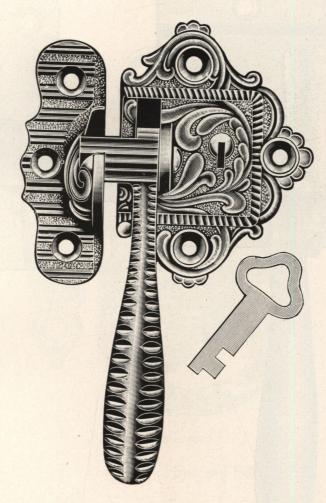


Fig. 5487

Cut is Right Hand.

No.	Length Overall	Length Lever	Offset	Per Dez.
4	5"	33/4"	3/8"	\$8.52

Made Right and Left Hand. In ordering, state what hand is required. Carried in stock Flush and Offset.
Offset furnished unless otherwise ordered.

CAST BRASS SELF CLOSING REFRIGERATOR FASTENER With Roll Latch Polished

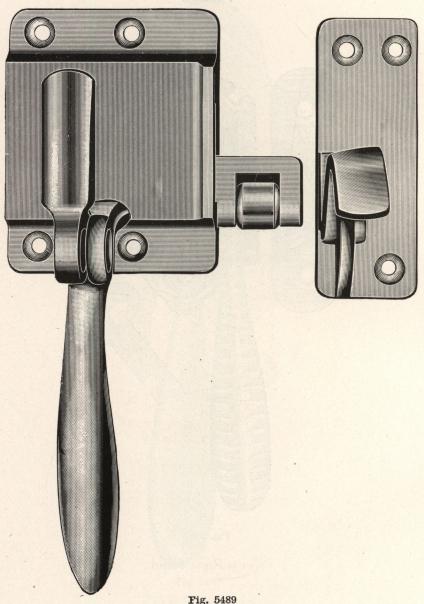


Fig. 5489 Cut is Left Hand.

No. Size of Lever Per Doz. 2795 33/4" \$24.00

This fastener has a Roll Latch, actuated by a spring, so that when the door is slammed or closed the lever engages the strike and automatically holds the door tight.

CAST BRASS REFRIGERATOR LOCK

Polished



Fig. 5491

Cut is Right Hand and Full Size.

No. Offset Per Doz. 4 3/8" \$6.84

Made Right and Left Hand. In ordering state which hand is required.

Carried in stock Flush and Offset.

CAST BRASS REFRIGERATOR LOCK

Polished

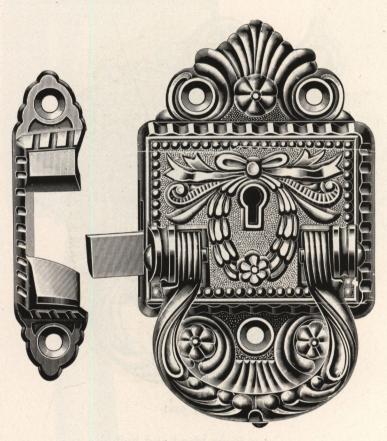


Fig. 5493 Cut is Right Hand and Full Size.

No.	Offset	Per Doz.
2	3/8"	\$9.60

Made Right and Left Hand. In ordering state what hand is required. Carried in stock Flush and Offset.

CAST BRASS REFRIGERATOR LOCK

Polished

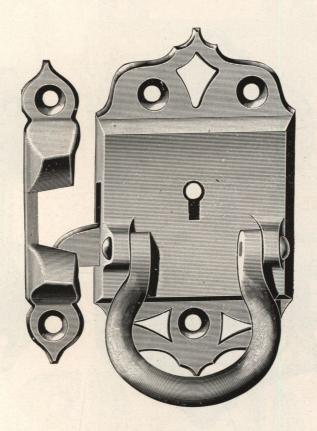


Fig. 5495

Cut is Right Hand and Full Size.

No.	Offset	Per Doz.
3	3/8"	\$9.00

Made Right and Left Hand. In ordering state what hand is required.

Carried in stock Flush and Offset.

CAST BRASS REFRIGERATOR LOCK Polished

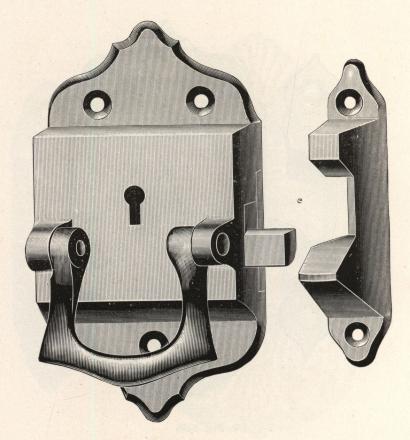


Fig. 5497 Cut is Left Hand and Full Size.

No.	Offset	Per Doz.		
1	3/8"	\$11.04		
	Made Right and Left Hand. In ordering state what hand is required.			
	Carried in stock Flush and Offset.			

CAST BRASS ICE HOUSE CATCH Polished

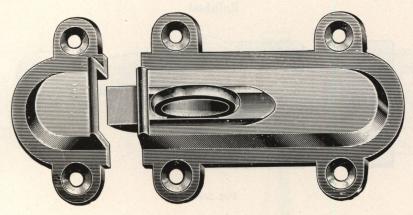


Fig. 5499

No.	Length Overall	Per Doz.
3	3½"	\$5.64

CAST BRASS MONITOR CATCHES Polished

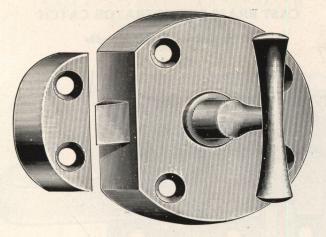


Fig. 5501

No.	Diamete	Per Doz.
1	13/4"	 \$7.20
2	21/4"	8.40
3	3 "	11.04

Offset Nosings can be furnished to order.

CAST BRASS REFRIGERATOR CATCHES

Payson Pattern Polished

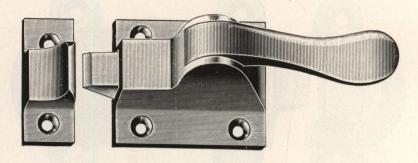


Fig. 5503

No.	Size	Per Doz.
1	11/2" x 11/2" Open Back	\$6.24
2	13/4" x 13/4" Open Back	6.84
3	2 "x 21/4" Open Back	9.60
20	13/4" x 13/4" Closed Back	7.20
30	2 "x 21/4" Closed Back	11.04
	Offset Nosings can be furnished to order.	

CAST BRASS REFRIGERATOR CATCH

With Curved Hook Handle

Polished

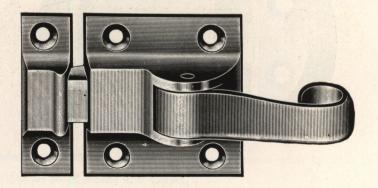


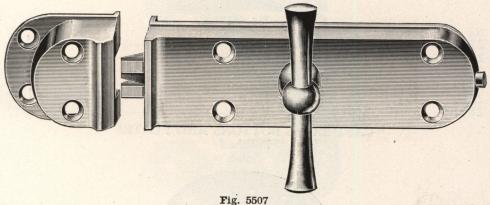
Fig. 5505

No.	Size	Per Doz.
7	$1\frac{3}{4}$ " x $1\frac{3}{4}$ "	\$9.60

CAST BRASS REFRIGERATOR CATCH

With Inside Handles

Polished



No. Size Offset Per Doz. 150 21/2" x 8" 13" ..\$84.00

For use in connection with Condit and Ideal Fasteners to keep the door closed during the day when the Fasteners are not in use.

Inside Handles operate from the inside of Refrigerator and should be used to prevent the possibility of being locked in.

CAST BRASS REFRIGERATOR CATCH

With Inside Handles

Polished

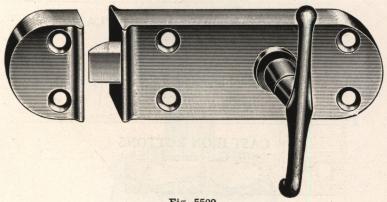


Fig. 5509

Flush

No. Size Per Doz. 102 2" x 5" ...\$22.08 Offset Nosings can be furnished to order.

CAST BRASS BUTTONS Polished Solid



		F1g. 5511	
No.	Size		Per Doz.
2796	11/2"		\$.72
2797	13/4"		
2798	2"		1.08
2799	21/4"		1.32
2800	21/2"		1.80
2801	3'"	•	2.64
	The second secon	***************************************	

CAST BRASS BUTTONS AND PLATES Polished Solid



Fig. 5513

No.	Size		Per Doz.
2802	11/2"		\$1.56
2803	13/4"		2.04
2804	2"	Balling and Joseph Committee	2.40
2805	21/4"		3.12
2806	21/2"	23 A CONTRACTOR DE LA CONT	4.20
2807	3 "		6.00
2001			0.00

CAST BRONZE BUTTON AND PLATE Emery Finish Solid

Fig. 5515
Conform to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-31

No.	Siz	Pe	r Doz.
2808	2"		6.00

CAST IRON BUTTONS Galvanized



Fig. 5517

No.	Size	Per Gross
2809	2 "	\$1.80
2810	21/2"	3.60

BRONZE HAND RAIL BRACKET

Emery Finish



Fig. 5519

Conforms to U. S. Shipping Board Emergency Fleet Corp.

Specification F-153-55

No. Projection Per Doz. 2811 23/4" Per Doz. \$12.00

CAST BRASS GRAB RAIL STANCHIONS

Extra Heavy Polished

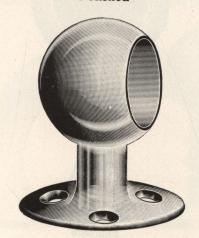


Fig. 5521

No.	Dia. Base	Size of Rail	Height	to	Each
2002 20021/2	21/2" 23/4"	11/4"	21/4" 21/4"	Rail	\$3.00
, 2	-/4	. / 2	2/2		4.00

CAST BRASS STANCHION Polished

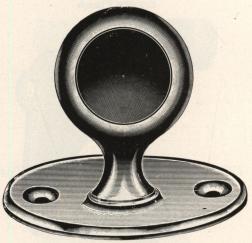


Fig. 5523

No. Oval Base Size of Rail Height to Center of Rail 2812 33/4" x 21/2" 11/2" 21/8"

• Each\$4.00

CAST BRASS RAIL POSTS Polished



5525

		116. 0020	
No. Dia. Base	Size of Rail	Height to Center of Rai!	lach
2813 13/4"	1 "	21/4"\$1	.15
2814 13/4"	1 "	21/2"	.15
2815 2 ³ / ₁₆ "	11/4"		.25
Corried in		Machine Screws. Furnished drilled for Wo	bod

Screws to order.

CAST BRASS STANCHIONS Polished

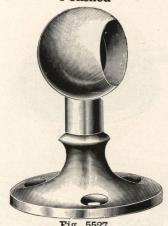
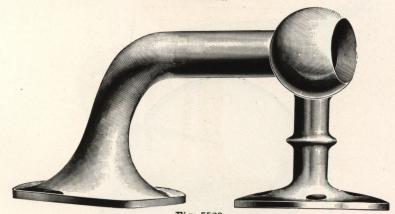


Fig. 5527

No.	Height to	Dia. of Rail	Each
	Top of Rail		Buon
2816	2 "	1/3"	¢ 35
2817	2 "	5/8"	35
2818	21/2"	5/9"	
2819	3 "	3/4"	
2820	4 "	3/4"	1.00
2821	5 "	3/4"	1.75
2822	6 "	3/4"	1./)
	F 1 C 1		2.23

End Stanchions same price as Middles. Bow or Corner Stanchions (with two holes) add 50 per cent. to price.

CAST BRASS FANCY END STANCHIONS Polished



Each
Lacit
11 60
00.14
1 90
2.25
2.25
2 50
2.50
9

CAST BRASS END FLANGES For Rail Polished



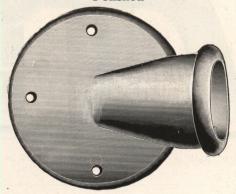
No.	Diameter of Rail	Fig. 5331	Each
2827 2828	1/2"		\$.25
2829 2830	3/4"		.35
2831	1 7/8"		.45

CAST BRASS BEVEL END SOCKETS For Rail Polished



No.	Diameter of Rail		Each
		Fig. 5333	
- 1	1/2"		\$.25
2	5/011		.35
3	3/4"		.70
4	7/8"		.80

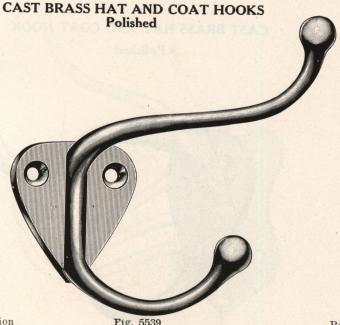
CAST BRASS RAIL POSTS Polished



Each	5335	Fig.	Base to	Diameter	No.
			Center of	of Rail	
			Rail		
\$.80			21/4"	1"	2832
			-/4		2012



Conforms to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-12



No.	Projection	Fig. 5539	Per Doz.
	21/4"		\$2.28
2	3 "		2.52
3	31/2"		2.52
4	33/4"		7 20
7	374		7.20

CAST BRASS HAT AND COAT HOOK Polished

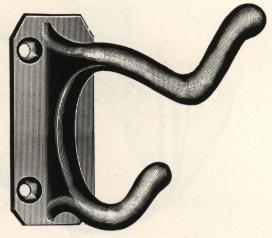


Fig. 5541

No.	Projection	Per Doz.
416	3"	\$5.20

CAST BRASS HAT AND COAT HOOK **Polished**

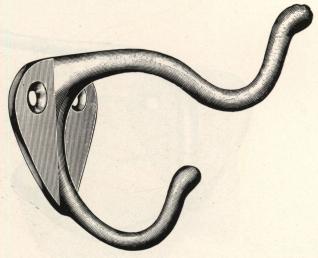
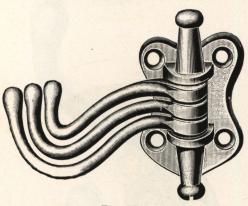


Fig. 5543

No.	Projection	Per Doz.
11	21/11	\$3.00

CAST BRASS SWIVEL HAT AND COAT HOOK Polished



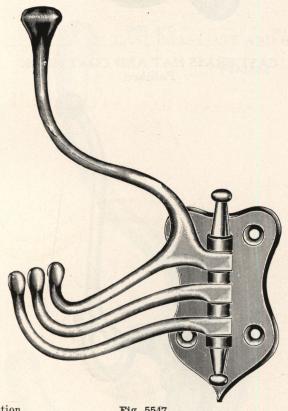
No. 2834

Projection 43/4"

Fig. 5545

Per Doz. ..\$36.00

CAST BRASS SWIVEL HAT AND COAT HOOK Polished



No. 2835

Projection 53/4"

Fig. 5547

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS HAT AND COAT HOOK Polished



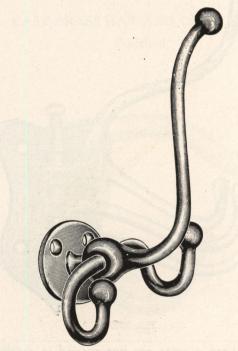
No. 10

Projection 21/2"

Fig. 5549

Per Doz.\$3.30

CAST BRASS HAT AND COAT HOOK Polished



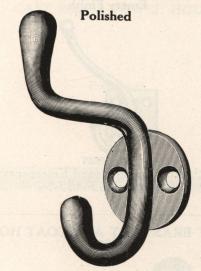
No. 2836

Projection 43/4"

Fig. 5551

Per Doz \$24.00

CAST BRASS HAT AND COAT HOOK

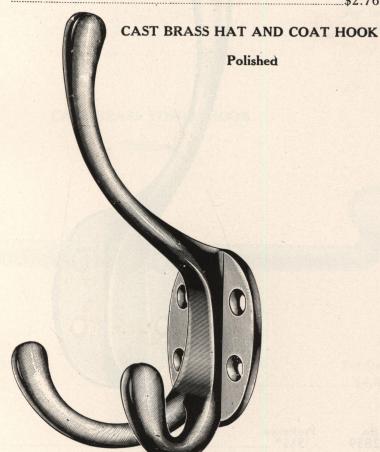


No. 6

Projection 21/4"

Fig. 5553

Per Doz. ..\$2.76

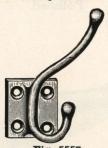


No. 2837 Projection 31/2"

Fig. 5555

Per Doz. ..\$33.00

CAST BRONZE HAT AND COAT HOOK **Emery Finish**

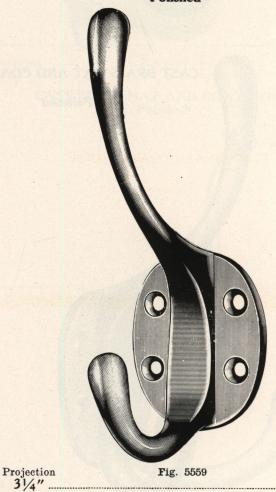


Conforms to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-50

No. 2838

Projection 31/2" Per Doz. ...\$8.40

CAST BRASS HAT AND COAT HOOK Polished



No. 2839

Fig. 5559

Per Doz. .\$21.00

CAST BRASS TOWEL HOOK

Polished



No.	Projection	Per Doz.
1	4½"	\$3.00

CAST BRASS TOWEL HOOK

Polished



Fig. 5563

No.	Projection	Per Doz.
2	5½"	\$4.80

CAST BRONZE WARDROBE HOOKS Polished



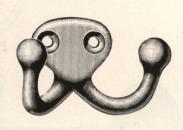


Fig	. 5565	Fig. 5567
No. Projection	on -	Per Doz.
1 Single 13/8"		\$1.80
2 Double 13/8"		3.60

CAST BRASS WARDROBE HOOK

Extra Heavy Polished



No. Per Doz. 2840 ...\$9.00

CAST BRASS CEILING HOOK Polished

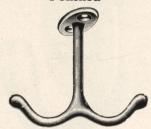


Fig. 5571

No. Size Per Doz. Overall 1 21/2"\$3.00

CAST BRASS RAZOR STRAP HOOKS



No.		F ig. 5573	Per Doz.
2841	Polished Brass		\$1.56
2842	Nickle Plated		2.04
Pa	cked with Screws		

CAST BRASS CUP HOOKS ON PLATES Polished



No.	Projection	Fig. 5575	Per Doz.
2843	11/2"		\$2.52
2844	13/4"		3.60
2845	3 "	<u> </u>	4.80
2846	31/2"		5.76

CAST BRONZE PITCHER HOOK Emery Finish

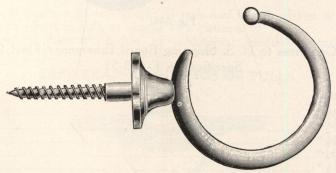


Fig. 5577

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-52

No.	Projection	Per Doz.
2847	2"	\$6.00

BRASS WIRE SCREW HOOKS



5/8" Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-53

No.	Size	Per Gross
2848	1/11	
	/2	\$3.75
2849	5/8"	3.85
2850	3/4"	4.00
2851	1/7"	
	••••••	5.25
2852	11/4"	9.00
2853	11/2"	11.00
2854	13/."	15.00
	174	15.00
2855	2 "	18.00

BRASS WIRE CUP HOOKS



Fig. 5581

11/4" Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-51

No.	Size	Per Gross
2856	3/8"	\$3.65
2857	1/2"	3.75
2858	5/-11	3.85
2859	3/11	4.00
2860	7/8"	
2861	1′″	7.07
2862	11/11	7.00
2863	11/4"	
2864	11/11	11.00
2865	13/4"	이 이 아이는 아이를 보고 있다면 하는 사람들이 되었다면 하는데 하는데 하는데 하는데 그렇게 그렇게 되었다.
2866	2'"	12.00

CAST BRONZE AND BRASS "MARINE" SPRING SASH BALANCES Polished Face Plates



"Side Pattern" For Side of Window



"Top Pattern" For Top of Window

No.	For Sash	Length	
	Weighing	Tape	Per Pair
8	6 to 8 lbs.	30"	\$6.00
10	8 to 10 lbs.	30"	6.00
12	10 to 12 lbs.	36"	6.20
14	12 to 14 lbs.	36"	6.40
16	14 to 16 lbs.	36"	6.60
18	16 to 18 lbs.		6.80
20	18 to 20 lbs.		7.20
23	20 to 23 lbs.		8.00
26	23 to 26 lbs.	-	8.40
29	26 to 29 lbs.	-	8.60
32	29 to 32 lbs.		12.00
35	32 to 35 lbs.		12.60
38	35 to 38 lbs.		13.00
41	38 to 41 lbs.		13.40
44	41 to 44 lbs.		16.00
47	44 to 47 lbs.		16.80
50	47 to 50 lbs.		17.10
-0			

Marine Sash Balances are used by the U. S. Navy and all leading ship builders.

Exact specification giving weight of sash and length of run is required.

Also state whether Side or Angle Top Pattern.
Balances for heavier sashes or additional length of run, furnished promptly.

CAST BRASS SASH RINGS OR PULLS Polished



No.	Diameter of		Pe	r Doz.
2867	Ring Inside	Plate 21/8" x 3/4"		\$3.60
2868	7/8"	23/8" x 3/4"		4.20
2869	1 "	21/2" x 3/4"		5.40
2870	11/4"	31/8" x 7/8"		7.20

CAST BRASS SASH ROLLERS Polished



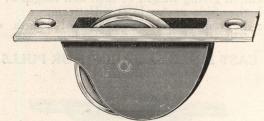
			g. 5589	
No.	Size Roller	Size Plate		Per Doz.
2871	7 " x 1/2"	3/4" x 13/4"		\$6.60
2872	1/2" x 3/4"	11/8" x 21/2"		7.80
2873	$\frac{9}{16}$ " x 1 "	11/4" x 23/4"		10.20
2874	3/4" x 13/4"	11/2" x 33/4"		16.20

CAST BRASS PILOT HOUSE OR CENTER SASH PULLEYS Polished



No.	Size	Size Plate	Fig5591	Per Doz.
	Sheave			201 202.
1	3/8" x 11/2"	15/8" x 25/8"		\$13.20
2		21/4" x 23/4"		26.40
	Furnished with	Square Groove	to order	

CAST BRASS AND GALVANIZED SASH PULLEYS



No.	Dia. of Size Face Sheave	Fig. 5593	Polished Brass	Galvanized
			Per Doz	Per Doz.
2875	11/4" 33/8" x 7/8"		\$5.40	\$
2876	11/2" 33/8" x 7/8"	TOOL WEE	6.60	+
2877	13/4" 37/8" x 7/8"		7.20	3.00
2878	2 " 41/2" x 11/8"		10.80	4.20
2879	21/2" 51/2" x 11/4"		18.00	case
Fur	nished with Square G	roove to order.		0.2

CAST BRONZE STUB AND PLATE For Storm Shutters **Emery Finish**



Fig. 5595

Conforms to U. S. Shipping Board Emergency Fleet Corp.
Size Specification F-153-30

Size 3/4" x 17/8"

No.

2880

Per Pair\$.60

CAST BRASS SASH CENTERS

Plain

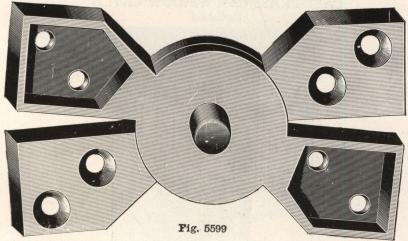


Fig. 5597



No. Per Doz. Pair With Plates 1 \$7.80 Without Plates 5.40

CAST BRASS SASH CENTERS



No.	Size Sash	Emery Finish	Polish
2881	11/2"	Per Set	Per Set
2882	12/11	\$2.80	\$3.20
	13/4"	3.00	3.40
2883	2 "	3.20	3.60
2884	21/4"		3.80
2885	21/2"		
2886	23/11	3.60	4.00
2887	3 "	3.8 0	4.20
2007	3 "	4.00	4.40

CAST BRASS WEDGE CAR WINDOW CATCH Polished

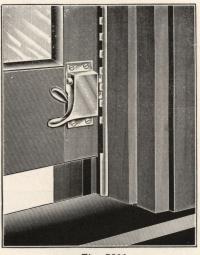
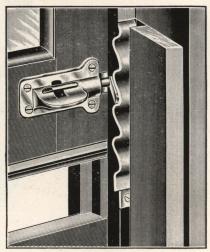


		Fig. 5601	
No.	Size	Cut is Right Hand.	Each
2888	$1\frac{3}{16}$ " x $2\frac{5}{8}$ ".		\$1.50
2889	Rack not ove	: 15" long	1.50
2890	Rack 15" to	27"	1.90
2891	Rack 27" to	30"	2.20
2892	Rack 30" to	35"	2.50
M	ade Right and L	eft Hand.	

CAST BRASS CAR WINDOW CATCH Polished



NT-	G.	Fig. 5603 Cut is Right Hand.	
No.	Size	Cut is Right Hand.	Each
2893	15/8" x 25/8".		\$1.80
	Complete with su Made Right & Le	afficient Rack to operate Window 27".	

CAST BRASS CAR WINDOW CATCH Polished

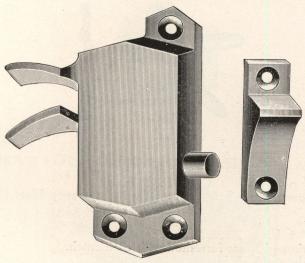


Fig. 5605 Cut is Right Hand

Cut is reight I land.	
Size	Per Doz.
23/" - 13"	
	\$12.00
Extra Stops for above	2 40
T Company	2.40
I wo Stops are furnished with each Catch.	
Mada Picht and I oft II I	
wade Night and Left Fland.	
	Size 2 3/4" x 1 3/16" Extra Stops for above Two Stops are furnished with each Catch. Made Right and Left Hand.

CAST BRASS CAR WINDOW CATCH Polished

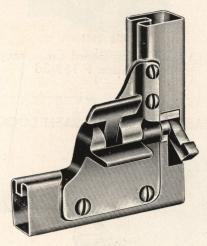


Fig. 5607 Cut is Right Hand

AT.	Cut is reight I land	
No. 2894	Catch	Each \$1.70
4252	Rack up to 27"	30
Mad	de Right and Left Hand.	.50
For	Metal Sash.	

BRONZE SLIDING SASH CATCH

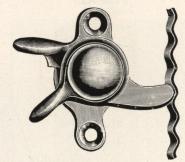


Fig. 5609

Cut is Right Hand
Conforms to U. S. Shipping Board Emergency Fleet Corp.
Specification F-153-29

No. Size Per Doz. \$15.00

14" of Crimped Brass furnished with each catch.

Made Right and Left Hand.

BRONZE SASH CATCH For Double Sash



Fig. 5611

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-28

No. Size Per Doz. \$12.00

CAST BRASS SIDE SASH LOCKS Polished

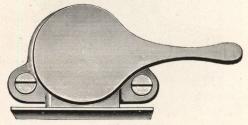


Fig. 5613

Cut is Left Hand.

No.	Por	Doz.
1		6.00
	**************************************	0.00
2	Extra Heavy	9.00

CAST BRASS COMBINATION SASH LOCK AND LIFT Polished



Fig. 5615

No. Size 50 17/8" x 11/4"

Per Doz.\$9.00

CAST BRASS FLUSH COMBINATION SASH LOCK AND LIFT Polished

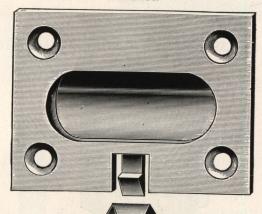
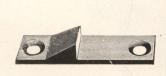


Fig. 5617

No. Size 21/4" x 3"

Per Doz. 12.00

CAST BRASS SASH CATCH Plain



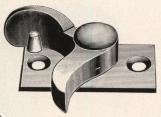


Fig. 5619 Cut is Right Hand.

 No.
 Size
 Per Doz.

 1
 $1\frac{5}{16}$ " x $\frac{7}{16}$ "
 \$2.40

 2898
 Stops only
 .60

 For Sliding Sash.
 Made Right and Left Hand.

CAST BRASS SURFACE SASH CATCH

Polished

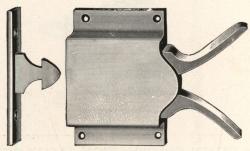


Fig. 5621

No.	Size	Lenulo 1	Per Doz.
11	21/8" x 13/8"		\$12.00

CAST BRASS SURFACE SLIDING SASH CATCHES

Polished

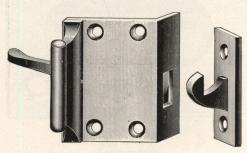


Fig. 5623

No. Size	Per Doz.
10 17/8" x 13/4" Without Lip	\$10.80
110 13/4" x 13/4" With Lip	11.40

CAST BRASS SLIDING SASH CATCH

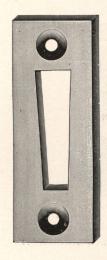
Polished

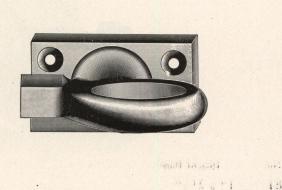


Fig. 5625

No.	Size	Per Doz.
2899	$1\frac{1}{4}$ " x $2\frac{3}{4}$ "	\$12.00

CAST BRASS CASEMENT FASTENER **Polished**





Will collegion Library

Fig. 5627

Size No. 13/4" x 1"

Per Doz. \$8.52

4 13

Can be furnished with Half Mortise or Surface Striking Plates to order.

CAST BRASS CASEMENT FASTENER Polished

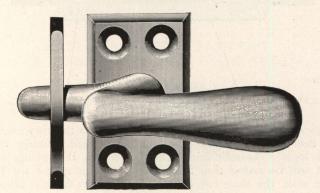


Fig. 5629

No. Size 1½8" x 2" \$9.00 2

Per Doz.

Can be furnished with Mortise or Surface Striking Plates to order .

CAST BRASS ANTI-SASH RATTLER Polished

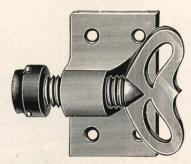


Fig. 5631

No. Size of Base Per Doz.

81 1" x 21/4" \$15.00

With Leather Head. Will not deface woodwork.

BRASS COMPRESSION BRAKE AND ANTI-RATTLE DEVICE

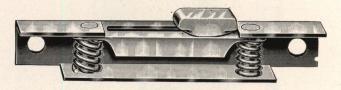


Fig. 5633

No.	Size	Each
2900	$\frac{9}{16}$ " x3 $\frac{1}{4}$ "	\$.60

The device illustrated above effectually retards the downward movement of the sash, thereby preventing personal injury and damage to sash frame, glass and sash-lock. As indicated in the illustration, the springs are of different strengths. It will be noted that the heavy spring is at the top of the device. In raising the sash, the shoe compresses the weaker spring, allowing the sash to be raised with comparative ease, at the same time preventing all rattle. In lowering the sash, the shoe automatically slides to the top and compresses the heavy spring. This increased pressure gives sufficient friction to prevent the sash from falling, and at the same time holds the sash firmly against the outer stops when the window is closed. If preferred, this device can be placed on the edge of the stop casing adjacent to the sash, in which case application is made with the heavy spring at the bottom.

CAST BRASS SASH LIFTS Polished



Fig. 5635

No. Projection 1/2" ...

Per Doz. \$2.52



Fig. 5637

No. Size 7/8" x 2"

Projection 1/2" ...

Per Doz. \$4.20

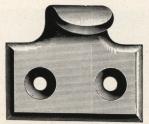


Fig. 5639

No.	Size		
1	1½" x ½" x ½"		
2	13/4" x 1 "		

Extra Heavy 4.20

Per Doz. \$2.64

CAST BRASS ANGLE SASH LIFT Polished



Fig. 5641

Per Doz. \$4.20

CAST BRONZE FLUSH SASH LIFT **Emery Finish**

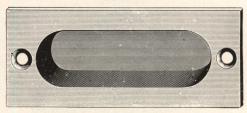


Fig. 5643

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-42

No. 2904 Size Overall 3" x 1"

Per Doz. \$5.40

CAST BRONZE FLUSH SASH LIFT **Emery Finish**

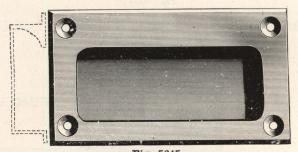


Fig. 5645

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-32

No. 2905

Size Overall 3" x 134"

Per Doz. Per Doz.\$6.60

CAST BRASS FLUSH TRAP DOOR PULL Polished

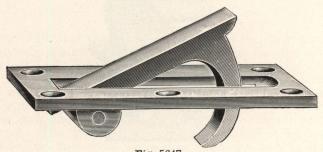


Fig. 5647

No. 2906 Size of Plate $4'' \times 1\frac{1}{2}''$ \$9.60

Per Doz.

CAST BRASS FLUSH SASH LIFTS Polished

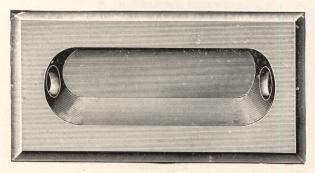


Fig. 5649

No.	Size Overall		Per Doz.
2907	23/4" x 1 "	material and a second	\$5.40
2908	3 "x 13/4"	The state of the s	6.60

CAST BRASS FLUSH SLIDING DOOR PULLS Polished

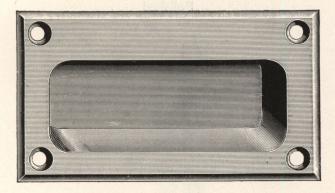


Fig. 5651

No.	Size Overall		Per Doz.
2909	31/8" x 13/4"		\$6.60
	41/8" x 33/8"		11.40
2710	1/0 4 5/0	•••••	

Extra Heavy With Bar

Fig. 5653

No.	Size Overall		Each
2911	5 "x4"	With Round Bar	3.15
2912	51/2" x 41/2"		3.15
2913	51/2" x 3 "		2.85

CAST BRASS WINDOW GUARD ENDS Polished

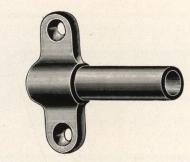


Fig. 5655

No. Size of Plate	For Rods	Per Pair
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1/2" ————————————————————————————————————	\$.65 1.00

CAST BRASS WINDOW GUARD ENDS Polished

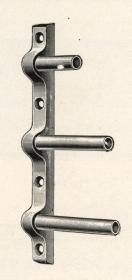


Fig. 5657

Ne.	Size of Plate	For Rods	Per Pair
2		1/2"	\$2.00
3	1/2" x 9" 3/4" x 9"	1/2" Heavy	2.60

CAST BRASS DRAWER KNOBS

With Machine Screws

Polished



Fig. 5659

No.	Size	Per Doz.
1	7/8"	\$3.60
2	1 "	4.80

CAST BRASS SHUTTER KNOBS

Polished



Fig. 5661

No.	Size	Per Doz.
2914	1/2"	\$1.20
2915	5/8"	1.44
2916	3/4"	1.80
2917	1 "	2.40
2918	11/8"	3.00
2919	11/4"	3.60

CAST BRASS DRAWER KNOBS

With Machine Screws Polished



Fig. 5663

No.	Size	Pe	er Doz.
2920	3/4"		\$2.50
2921	1 "		3.25
2922	11/8"		3.75
2923	11/4"		4.75

CAST BRASS OVAL DRAWER KNOBS

With Machine Screws Polished

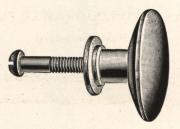
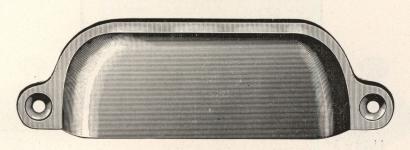


Fig. 5665

No.	Size	P	er Doz.
2924	7/8"		\$2.50
2925	11/8"		3.75
2926	13/8"		4.75

CAST BRASS DRAWER PULL

Polished



		11g. 5607	
No.	Size	P	er Doz.
2927	3"		62.64
2928	4"		2.80

CAST BRASS DRAWER PULL

Polished



No. Size Per Doz. 3 3 3 4 " \$3.60

CAST BRONZE DRAWER PULLS

Navy Standard



Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-36

No.	Size		Per Doz.
2929	33/4"		\$5.40
2930		Polished	6.00

No. 2931

2932

Size 1½" x 3" 2½" x 4"

CAST BRASS FLUSH DRAWER PULLS Polished

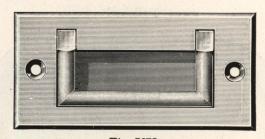
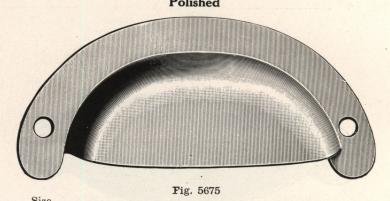


Fig. 5673	
	Per Single Doz.
	Per Single Doz.
	Ψ

WROUGHT BRASS DRAWER PULL Polished



No. 2933 33/4"

CAST BRASS DROP DRAWER PULL Polished

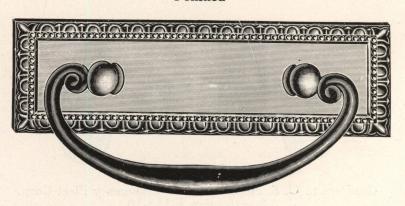


Fig. 5677

No. Size $1\frac{3}{16}$ " x 4"

Per Single Doz. \$12.00

Per Doz.\$1.80

CAST BRASS DRAWER PULL

Polished

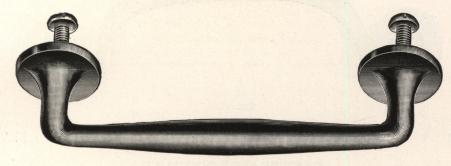


Fig. 5679

No.	Size	Per Doz.
417	4"	\$6.60

CAST BRASS DRAWER PULL

Polished

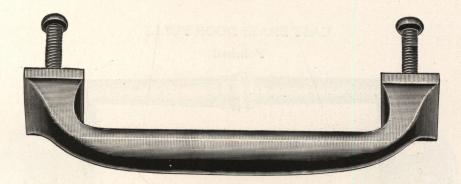


Fig. 5681

No.	Size	Per Doz.
5	4"	\$3.60

CAST BRASS DOOR PULL

Polished

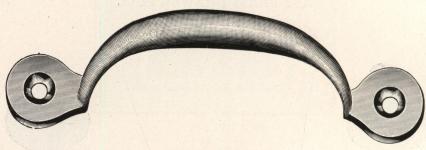


Fig. 5683

No. 350

Size 43/8"

Per Doz. \$1.92

CAST BRASS DOOR PULL

Polished



Fig: 5685

No. 370

Size 41/4"

Per Doz.\$3.00

CAST BRASS DOOR PULLS

Polished

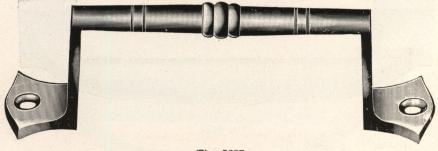


Fig. 5687

No.	Size	Pe	er Doz.
360	31/2"		\$2.52
361	41/2"		4.44
362	6 "		6.24

CAST BRASS BOX PULL

Polished



Fig. 5689

No. 365

Size 31/2"

Per Gross \$13.80

CAST BRASS BAR SASH LIFT

Polished

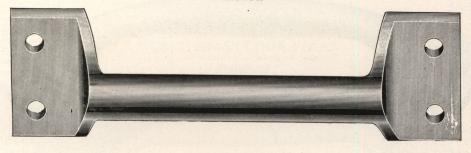


Fig. 5691

No. 10

Size 13/8" x 47/8"

Per Doz.\$3.72

CAST BRASS BAR SASH LIFT Polished

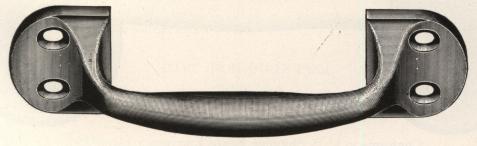


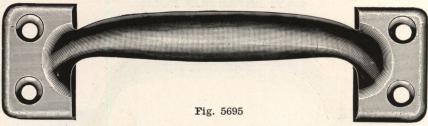
Fig. 5693

No.

Size 20 $1\frac{3}{16}$ " x 5"

Per Doz.\$4.20

CAST BRASS AND BRONZE DOOR PULLS



Conform to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-19

No.	Size	Per Doz.
2935	5" Emery Finish Bronze	\$4.80
380	5" Polished Brass	4.20
2936	6" Polished Brass	7.20

CAST BRASS DOOR PULLS Polished



CAST BRONZE DOOR PULL Emery Finish



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-27

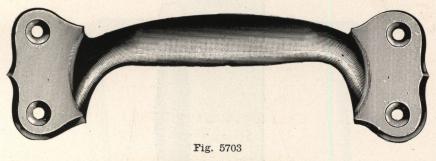
		Specification 1-177-27
No.	Size	Per Doz.
2937	7"	\$18.00

CAST BRASS SLIDING DOOR HANDLES Polished



No.	Size	11g. 5/01	Per Doz.
1	4 "	test. Kelf	\$15.00
2	61/2"	Extra Heavy	36.00

CAST BRASS DOOR PULLS Polished



No.	Size		Per Doz.
355	41/4"		\$2.76
385	6 "		5.40
385D	6 "	Solid Back, Extra Heavy	8.40

CAST IRON DOOR PULL

Galvanized

Fig. 5704

No.	Size	Per Doz.
4251	6"	\$3.60

Same style as Fig. 5703.

CAST BRASS HANDLE KNOB Polished



Fig. 5705

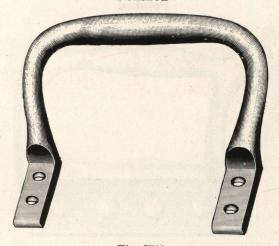
CAST BRASS DOOR PULL Polished



Fig. 5707

No. Size of Plate Each
2938 31/2" x 15" \$6.25
Furnished complete with Screws and Bolts.

CAST BRASS TRAY HANDLES Polished



11g. 5705	
	Per Doz.
	\$2.04
	2.24

CAST BRASS TRAY HANDLE Polished

No.

01 02 03

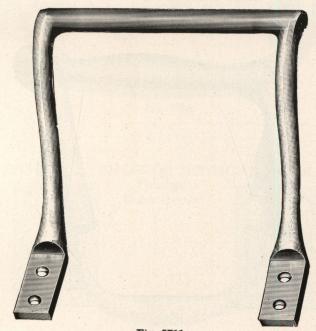


	Fig. 5711	
No.	Size	Per Doz.
020	3"	
		\$3.00

CAST BRASS TRAY HANDLE Polished

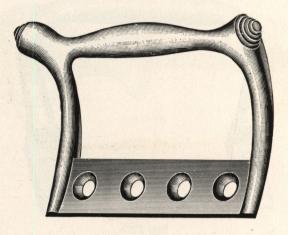


Fig. 5713

No.	Size	Per Doz.
025	3"	3.72

CAST BRASS TRAY HANDLE Polished

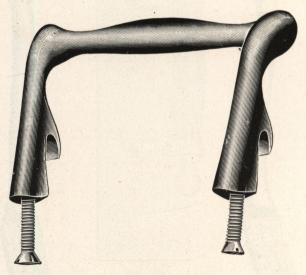
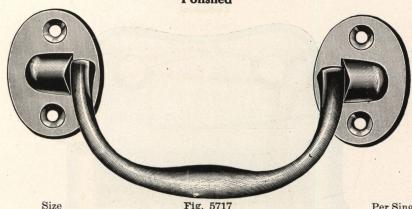


Fig. 5715

No.	Size	Per Doz.
010	3"	\$4.20

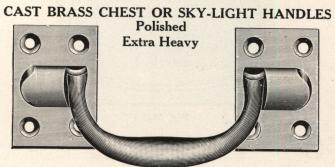
CAST BRASS CHEST HANDLES Polished



No.	Size	Fig. 5717 Per Sing	le Doz.
300	2 "		1.68
301	23/1"		2.16
302	31/4"		2.76
303	33/4"		3.60

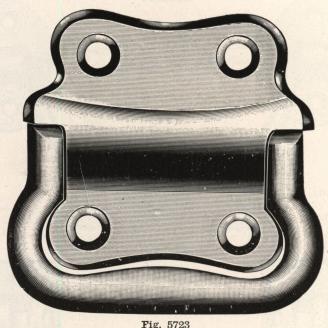


No.	Size	Fig. 5719	Per Single Doz.
310	3 "x 11/8"		\$4.08
311	33/4" x 13/8"		5.04
312	4½" x 1½"		5.64



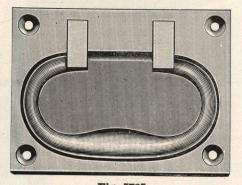
No.	Entire Lengt	h Fig. 5721 Per Sin	gle Doz.
100	5 "		14.40
200	7 "		16.20
300	71/2"	Extra Heavy Special	24.60

CAST BRASS CHEST HANDLES Polished



		118. 0120
No.	Size	Per Single Doz.
0	$2\frac{1}{2}$ " x $2\frac{1}{2}$ "	\$6.00
10	3 "x3"	8.04
30	4 "x4"	12.00

CAST BRASS FLUSH CHEST HANDLES Polished



No.	Size	Fig. 5725 Per Single Doz.
5 3	" x 21/4"	\$8.16
6 3	3/4" x 3 "	12.84
		Extra Heavy
1 3	1/2" x 21/2"	13.92
2 4	$\frac{3}{4}$ " x $3\frac{3}{4}$ "	30.00

CAST IRON FLUSH CHEST HANDLES

Galvanized

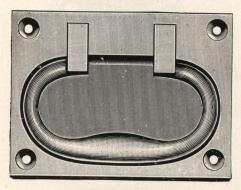
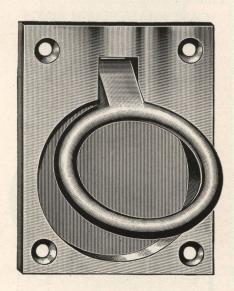


Fig. 5727

No.	Width of Handle	Size-Plate	Per Single Doz.
2939	3 "	25/8" x 33/4"	\$3.00
2940	31/2"	35/8" x 41/2"	 4.20

CAST IRON FLUSH RINGS Galvanized



No.	Size	Fig. 5729	Per Doz.
2941	23/4" x 33/4"		\$3.72
2942	31/4" x 41/4"		4.20

CAST BRASS FLUSH RINGS Polished



No.	Size	Fig. 5731	Per Doz.
2	11/2"		\$1.80
21/4	13/4"		3.12

CAST BRONZE FLUSH RINGS



Fig. 5733

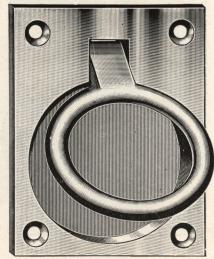
Conform to U. S. Shipping Board Emergency Fleet Corp.

No. Size Specification F-153-35

1 1½" x 1½" Polished \$1.80

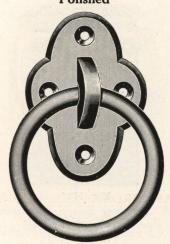
2943 15%" x 1¼" Emery Finish 3.00

CAST BRASS FLUSH RINGS Polished



No.	Size 21/2" x 2 "	Fig. 5735	Per Doz. \$3.72
		Extra Heavy	11 20
4	23/4" x 21/4" 33/4" x 23/4"		11.28
6	43/4" x 31/2"		22.56

CAST BRASS RINGS ON PLATES Polished



T1:	-	5737
-	D.	2/3/

No.	Size Ring	Size Plate	LO ROSE SERVE TERO	Per Doz.
1	1/4" x 13/4"	2 "x 21/2"		\$6.00
2	$\frac{5}{16}$ " x 2 "	21/2" x 3 "		9.00



		Fig	g. 5739	
No.	Size Ring	Size Plate		Per Doz.
0	$\frac{3}{3^{2}}$ " x 1 "	11/8" x 15/8"		\$4.20
3		21/4" x 21/4"		9.60
4	3/8" x 21/4"	3 "x3"		25.20

WROUGHT IRON RINGS ON PLATES Galvanized

T	4	m	5	71	1
I	1	٤.	O	14	: 1

No.	Size Ring	Size Plate	Per Doz.
2944	$\frac{5}{16}$ " x 2 "	2" x 2"	\$3.00
2945	3/8" x 21/2"	3" x 3" Extra Heavy	7.20
2946	$\frac{5}{16}$ " x 2 "	2" x 2" To Swivel	3.60

CAST BRONZE FLUSH RING CATCH Emery Finish

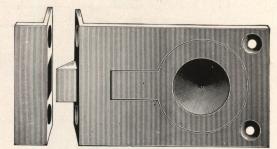


Fig. 5743

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-40

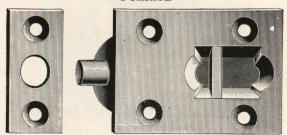
	Size	Per Doz.
2947	27/8" x 21/2"	\$19.20
	-,0,2	

CAST BRASS SHOWCASE SPRING CATCHES Polished



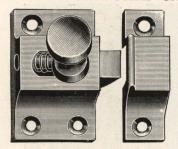
No.	Size	Fig. 5745	Per Doz.
0	11/2" x 11/8"		\$4.20
1	2 "x 11/4"		4.80
2	21/4" x 21/4"	Extra Heavy	12.60

CAST BRASS FLUSH SASH BOLTS Polished



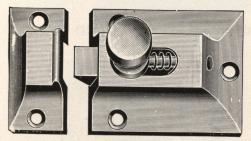
No. 2948	Size 11/4" x 13/4"	Per Doz. \$5.40
2949	11/2" x 13/4"	6.00
2950	$1\frac{1}{2}$ " x 2 "	7.20

CAST BRONZE CUPBOARD CATCH



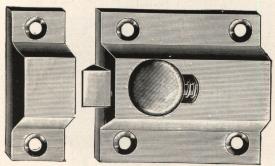
No.	Size	Fig. 5749 Polished	Dull
		Bronze	Brass
20	1 - 4 - 444	Per Doz.	Per Doz.
30	$1\frac{5}{16}$ " x $\frac{13}{16}$ "	\$3.00	\$3.24

CAST BRONZE CUPBOARD CATCHES



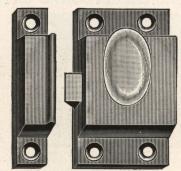
	~.	Fig. 5/51	
No.	Size	Polished	Dull
		Bronze	Brass
		Per Doz.	Per Doz.
31	11/4" x 11/2"	\$3.48	\$3.72
32	$1\frac{5}{16}$ " x $1\frac{7}{8}$ "		
-	16 2 70	3.96	4.20

CAST BRASS CUPBOARD CATCHES Heavy Polished



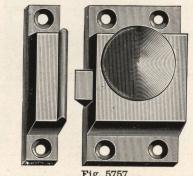
No.	Size	F ig. 5753	Per Doz.
10	13/4" x 11/4" 2 " x 11/2"	ESTRA SECTION AND ADDRESS OF THE PARTY OF TH	\$5.64
11	$2 \text{ "x } 1\frac{1}{2}$ "		7.20

CAST BRASS CUPBOARD TURN



No.	Size	Fig. 5755	Polished Brass	Dull Brass	Emery Finish
40 2951	15/8" x 1"		Per Doz\$3.96	Per Doz. \$4.56	Per Doz. \$10.80
		U. S. Shipping Board Specification F-153-	Emergency	Fleet Co	rp.

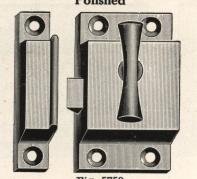
CAST BRASS CUPBOARD TURN Polished



 No.
 Size
 O
 Polished Brass Per Doz.
 Dull Brass Per Doz.

 45
 15%" x 1"
 \$3.96
 \$4.56

CAST BRASS CUPBOARD TURN Polished



No. Size O O Polished Brass Brass Per Doz. Per Doz. \$3.96 \$4.56

CAST BRASS CUPBOARD TURN Polished

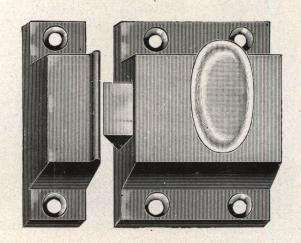


Fig. 5763

No.	Size	Polished	Dull
		Brass Per Doz.	Brass. Per Doz.
42	21/8" x 11/2"	\$5.52	\$6.24

CAST BRONZE CUPBOARD TURN

Polished

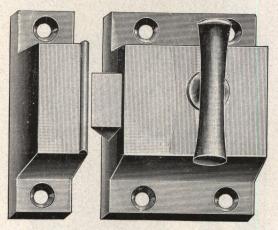


Fig. 5765

No.	Size	Polished	Dull
		Brass Per Doz.	Brass Per Doz.
52	2½" x 1½"	\$5.52	\$6.24

CAST BRASS CUPBOARD TURN

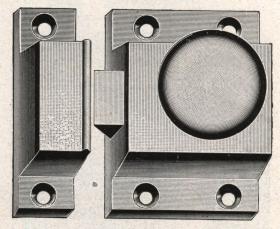


Fig. 5767

No.	Size	Polished Brass Per Doz.	Brass
47	2½8" x 1½"	\$5.52	Per Doz. \$6.24

CAST BRASS CUPBOARD TURN Extra Heavy

Polished

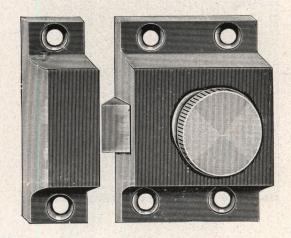


Fig. 5769

No. Size	Per Doz.
20 2" x 13/4"	\$10.20

CAST BRASS CUPBOARD CATCH Polished

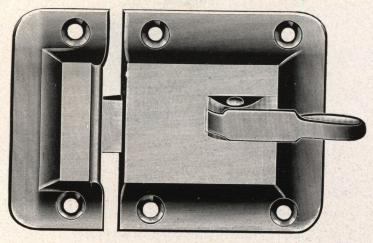


Fig. 5771

No.	Size	Per Do
12	21/8" x 11/4"	\$8.4

CAST BRASS TRANSOM CATCH Polished

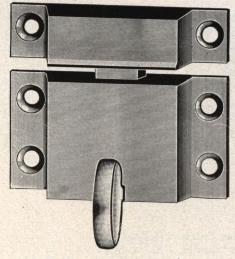


Fig. 5773

No.	Size	Per Doz.
1	21/8" x 11/4"	\$5.40

CAST BRASS CUPBOARD TURNBUCKLE

Polished

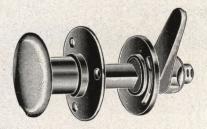
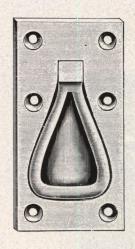


Fig. 5775

No. Per Doz. 1 For Doors 7/8" to 11/4" ______\$12.60

CAST BRASS FLUSH CUPBOARD LATCH

Polished



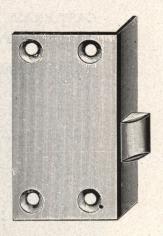


Fig. 5777

No.

Size

2952

Half Mortise Latch, 15/8" x 27/8".
Flush Drop Handle, 13/4" x 31/4".

The Catch is operated by raising the Flush Handle, which then connects with the Latch.

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS CUPBOARD CATCH

Polished

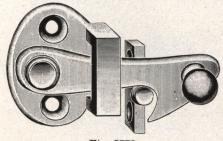


Fig. 5779

No. Size Per Doz. 2953 11/4" x 21/4" \$9.00

WROUGHT BRONZE SHELF REST

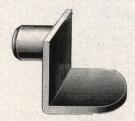


Fig. 5781

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-54

No.	Size of Pin	Projectio	n	Per Doz.
2954	3/8"	3/4"		\$2.40

WROUGHT BRASS FORG CATCH

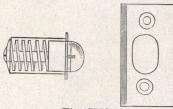


Fig. 5783

Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-37

No.	Size		Per Doz.
2955	3/8" x 3/4"	A Company of the Comp	\$1.20

CAST BRONZE ELBOW CATCH



Conforms to U. S. Shipping Board Emergency Fleet Corp. Specification F-153-15

No. Size of Base 156" x 5/8"

Per Doz.\$3.24

CAST BRASS ELBOW CATCH

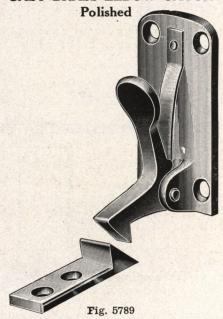


No. 296

Size of Base $1\frac{5}{16}$ " x 5/8"

Per Doz. \$2.40

CAST BRASS ELBOW CATCH



No. 297

Size of Base 21/8" x 1"

Per Doz.\$5.40

WROUGHT BRASS BOLT CAP Polished



Fig. 5791

No. 2957

Per Gross\$6.00

CAST BRASS BOLT CAP Polished



No. 2958

Per Doz.\$3.00

CAST BRASS REFRIGERATOR FLOOR TRAPS Polished

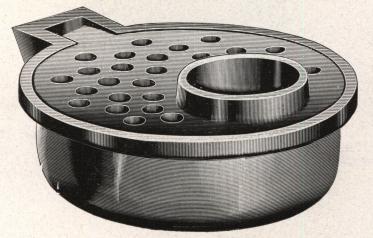


Fig. 5795

No. Size Per Doz. 2 4" \$24.00 3 6" 60.00

CAST BRASS OPEN VENT

Polished



Fig. 5797

No.	Size			Per Doz.
10	13/4" x 11/4"	 V		\$2.40

CAST BRASS OPEN VENT

Polished

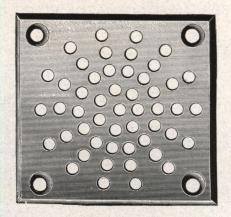


Fig. 5799

Nong	Size	Care Can	Per Doz.
20	2" x 2"		\$3.00

CAST BRASS VENTILATORS

Shutter Style Polished

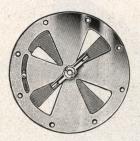


Fig. 5801

No.	Outside Diameter	Each
2959	61/2"	\$9.00
2960	10 "	15.00

CAST BRASS VENTILATORS Polished

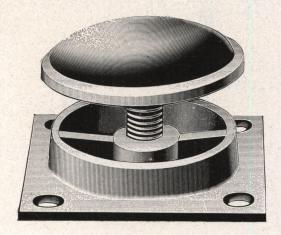
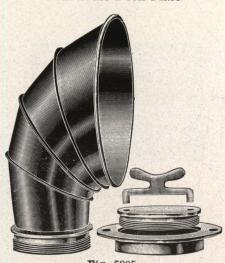


Fig. 5803

No.	Size	Each
0	$2\frac{1}{2}$ " x $2\frac{1}{2}$ "	\$.6 0
1	3 "x3 "	1.00
2	4 "x4 "	1.60

HOOD VENTILATORS With Brass Deck Plate



				F ig. 5805		
	Size of	Dia. of	Height		Galvanized	Brass
No.	Deck Plate	Mouth	Overall		Each	Each
2961	3 "	6"	6"		\$4.70	\$7.20
2962	31/2"	7"	10"		5.50	8.00
2963	4 "	8"	11"		5.95	8.45
2964	41/2"	9"	12"		8.65	11.15
2965	5 "	10"	14"		9.85	12.50
2966	6 "	12"	15"		12.25	15.50
2967	7 "	14"	18"		16.55	20.00
2968	8 "	16"	21"		20.00	23.50

LIVERPOOL HEADS

Copper, Brass or Galvanized Iron

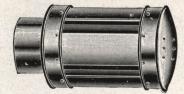
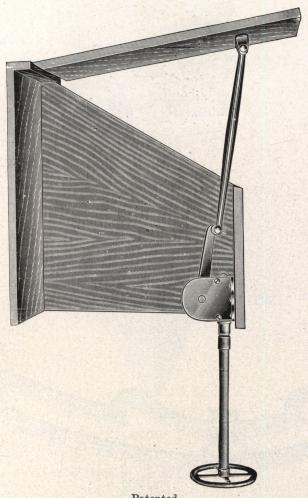


Fig. 5807

NT-	Diameter	Copper	Galvan-
No.	of Pipe	or Brass	ized
		Each	Each
2969	4 "	\$9.50	\$4.25
2970	41/2"	10.50	4.50
2971	5 "	11.50	5.00
2972	51/2"	12.50	5.50
2973	6 "	14.00	6.00
2974	7 "	17.00	7.50
2975	8 "	21.00	9.50

CAST BRONZE SKY-LIGHT RAISERS

Polished



Patented

Fig. 5809

No.	Length Operating Rod	Each
2976	12"	\$30.00
2977	48"	42.00
2978	96"	50.00

Above sizes carried in stock, any size Operating Rod furnished to order.

CAST BRASS SKY-LIGHT FASTENERS

Polished

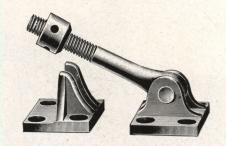
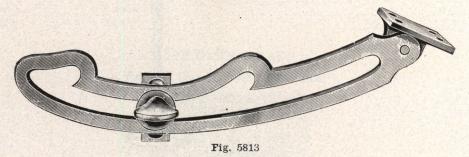


Fig. 5811

No.	Size	Each
1	3/8" x 4"	\$1.60
2	1/2" x 5"	4.00
3	3/4" x 6"	6.00

CAST BRASS SKY-LIGHT QUADRANTS

Polished



This is a Cut of a Left Hand Quadrant.

No.	Size	Per Pair
0	5"	\$2.50
.1	9"	5,00
11/2	10"	7.00
2	12"	8.00
3	13"	9.00
4	16" Extra Heavy	14.00

CAST BRASS CHEST CORNER

Polished



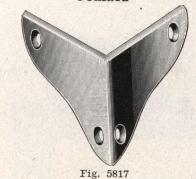
Fig. 5815

No. Size 10 13/8" x 7/8"

Per Doz. ..\$2.40

CAST BRASS CHEST CORNER

Polished



No. Size 11 11/2" x -1/2"

Per Doz. ...\$1.80

CAST BRASS CHEST CORNER

Polished



Fig. 5819

No. Size Per Doz. 12 1½" x 1"\$1.80

CAST BRASS CHEST CORNER

Polished

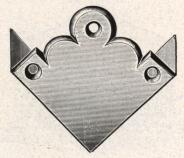
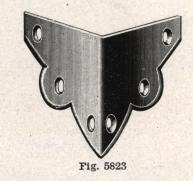


Fig. 5821

Per Doz. ...\$4.44

CAST BRASS CHEST CORNER

Polished



No. Size $2\frac{1}{2}$ " x $2\frac{1}{2}$ "

Per Doz. \$4.44

CAST BRASS CHEST CORNER

Polished

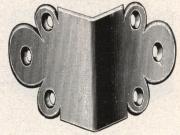


Fig. 5825

No. Size 15 21/2" x 21/2"

Per Doz. \$4.44

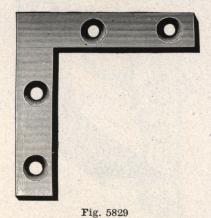
WROUGHT BRASS CORNER STRAPS



Fig. 5827

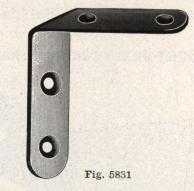
No.	Size	Per Doz.
523	11/2" x 5/8"	\$.90
524	2 "x1"	1.25

WROUGHT BRASS CORNER PLATES



10.	Size	Per Gross
803	21/2" x 5/8"	\$8.00
804	31/4" x 3/4"	12.00

WROUGHT BRASS CORNER BRACES



No.	Size	Per	Gross
705	3/4" x 1/2"		3.75
706	1 "x 1/2"	And a second	4.35
707	11/2" x 1/2"		5.00
708	2 "x 1/2"		5.60

CAST BRASS CORNER BRACES

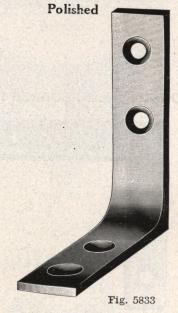


	Fig.	. 5833
No.	Size	Per Doz.
10	1/2" x 11/4"	\$1.20
. 11	$1/2'' \times 13/4''$	1.56
12	$\frac{5}{8}$ " x $2\frac{1}{4}$ "	
13	5/8" x 23/4"	2.40
14	5/8" x 31/2"	3.00
	Extra Heavy	
	Fig. 5835	
15	$2\frac{1}{2}$ " x $1\frac{1}{8}$ "	\$6.60
16	3. "x 1½"	9.60
-17	4 "x11/2"	10.00

WROUGHT IRON CORNER BRACES Galvanized

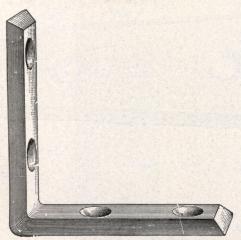


		Fig. 5837	
No.	Size		Per Doz.
2979	21/2" x 5/8" x 1/8"		\$.90
2980	3 "x 3/4" x 1/8"		1.00
2981	4 " x $\frac{3}{4}$ " x $\frac{3}{16}$ "		1.90
2982	$5 \text{ " x } \frac{3}{4} \text{" x } \frac{3}{16} \text{"}$	Control State Control of Security States	2.10
2983	6 " x $\frac{3}{4}$ " x $\frac{3}{16}$ "		2.50

CAST BRASS SHELF BRACKETS Polished

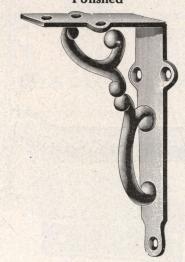
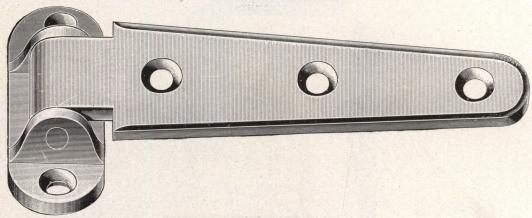


		Fig. 5839	
No.	Size		Per Doz.
2984	4" x 3".		\$6.00
2985	5" x 4"		8.40
2986	8" x 6"		12.00
2987	10" x 8"		18.00

WATER-TIGHT DOOR HINGES

Plain or Galvanized Steel

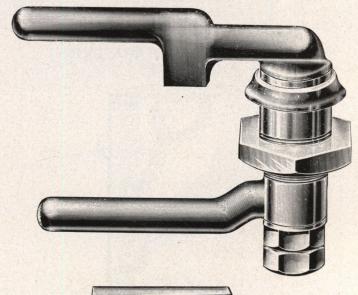


No. Fig. 5841 2988

2989

nished to order.

WATER-TIGHT DOOR FASTENER Plain Brass or Steel





No.

Made for Doors 1/2", 3/4", 4", 41/4" thick. Goods listed without a price are not carried in stock, but can be furnished to order.

Fig. 5843

CAST BRASS BERTH LOCK

Plain



Fig. 5845

No. Size

2990 33/8" x 13/8"

Used largely for putting up Portable Berths and Partitions.

Goods listed without a price are not carried in stock but can be furnished to order.

MALLEABLE IRON GRAVITY DOOR CATCH

Plain and Galvanized

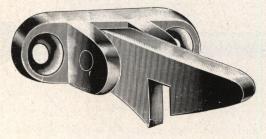


Fig. 5847

No.	Size of Base Projection	Plain Each	Galvanized Each
2991	3½" x 1¼" 4¼"	\$1.00	\$1.25

CAST BRASS OR BRONZE RAIL FASTENINGS

Polished

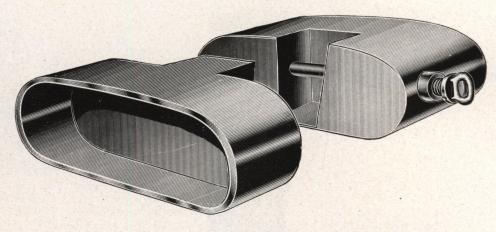


Fig. 5849

No.	Size of Rail	
2992 2993	2 ³ / ₄ " x 5 ¹ / ₄ " 3 " x 8 "	

Goods listed without a price are not carried in stock but can be furnished to order.

CAST BRASS OR BRONZE RAIL PINS

Polished



Fig. 5851

No.	Size	
2994	$\frac{9}{16}$ " x6"	

Goods listed without a price are not carried in stock but can be furnished to order.

CAST BRASS CHAIR TURNBUCKLE

Polished



Fig. 5853

No.	Length Open				
2995	131/2"	 		 	

For Fastening Dining Saloon Chairs to the floor when the movable type are used.

They have an adjustment of 21/4".

Goods listed without a price are not carried in stock but can be furnished to order.

CAST BRASS NEWSPAPER RACK Polished



Fig. 5855

No. Projection Wood Bars 2996 71/2" 1" and 3/4"

Made Right and Left Hand and furnished in Pairs.

Goods listed without a price are not carried in stock, but can be furnished to order.

CAST BRASS SPONGE HOLDER Polished



Fig. 5857

No. Diameter 2997 5"

Goods listed without a price are not carried in stock, but can be furnished to order.

MECHANICAL FOG HORNS



Fig. 5859

Fytra Large	Eac
Extra Large	\$70.0
Large	28.0
Vessel	21.0
Yacht	18.0
Boat	17.0
Launch	
Small Boat	7.0
Dinair Dont	7.2

FIBREBOARD MEGAPHONES

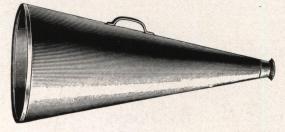


Fig. 5861

No.	Size	Each
1	15"	\$1.50
11/2	22"	2.00
2	30"	2.50
3	40"	3.50
5	48"	7.00

For Seashore and Country, Yachts, Vessels and Race Tracks. Fitted with Brass, Nickel-Plated Mouthpiece, Rim and Handle. Nos. 3, 5 and 7 also have ring for hanging. RECEIVED.

WROUGHT BRASS FOG BELLS

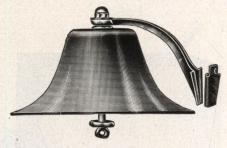


Fig. 5863

No.	Size	Plain	Polished
		Each	Each
2998	6"	\$1.20	\$1.40
2999	8"	2.20	2.40

FOG HORNS

Tin, Galvanized and Brass



Fig. 5865

			Tin	Galvanized	Brass
No.	Size	The sense balls defer that to	Per Doz.	Per Doz.	Per Doz.
3000	20"		\$5.00	\$6.50	\$10.00
3001	24"		5.75	7.25	11.50
3002	30"		8.50	10.00	17.00
3003	36"		10.00	12.00	20.00
3004	40"		12.50	15.00	25.00

FOG HORNS

Without Flaring Bell

Tin, Galvanized and Brass



Fig. 5867

		Tin	Galvanized	Brass
No.	Size	Per Doz.	Per Doz.	Per Doz.
3005	18"	\$4.00	\$5.00	\$9.00
3006	20"	4.75	6.00	9.75

SHIP BELLS
Pure Bell Metal



Fig. 5869

No.	Size	Weight Rough	Weight Polished	Rough Each	Polished Each
3007	5 "	4 lbs.	$3\frac{1}{2}$ lbs.	\$4.00	\$5.00
3008	6 "	5 lbs.	41/2 lbs.	4.70	5.70
3009	7 "	8 lbs.		6.50	7.50
3010	8 "	14 lbs.		11.50	13.00
3011	81/2"	$14\frac{1}{2}$ lbs.		13.00	15.00
3012	9 "	20 lbs.		16.00	18.50
3013	10 "	28 lbs.		21.50	24.00
3014	12 "	40 lbs.		31.50	34.00

SHIP BELLS Pure Bell Metal

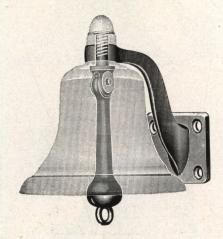


Fig. 5871

No.	Si	ze	Wei Rou		Wei Poli		Rough Each	Polished Each
3015	5	"	31/2	lbs.	3	lbs.	\$3.50	\$ 4.00
3016	6	"	5	lbs.	41/4	lbs.	4.20	5.20
3017	7	"	8	lbs.	7 .	lbs.	6.00	7.00
3018	8	"	14	lbs.	12	lbs.	11.00	12.00
3019	81/	2"	141/2	lbs.	121/2	lbs.	12.50	14.00
3020	9	"	181/2	lbs.	16	lbs.	16.00	17.50
3021	10	"	28	lbs.	25	lbs.	21.00	23.00
3022	12	"	40	lbs.	36	lbs.	31.00	33.00
3023	13	"	48	lbs.	44	lbs.	38.00	40.00
3024	14	"	75	lbs.	70	lbs.	59.00	65.00
3025	15	"	91	lbs.	86	lbs.	70.00	78.00
3026	16	"	95	lbs.	90	lbs.	75.00	82.00
3027	17	"	138	lbs.	130	lbs.	108.00	120.00
3028	18	"	148	lbs.	140	lbs.	116.00	130.00
3029	19	"	175	lbs.	165	lbs.	138.00	156.00
3030	20	"	196	lbs.	185	lbs.	154.00	175.00
3031	21	"	220	lbs.	210	lbs.	172.00	195.00

For Steamships, Yachts, Tugs, Etc. Clapper Swings, Fore and Aft.

SHIP BELLS Pure Bell Metal



Fig. 5873

No.	9	ize		eight ough		ight shed	Rough	Polished
		A	I. C	ougn	Pon	snea	Each	Each
3032	5	"	41/	2 lbs.	4	lbs.	\$ 4.00	\$ 5.00
3033	6	"	6	lbs.	5	lbs.	4.70	5.70
3034	7	"	9	lbs.	8	lbs.	7.00	8.00
3035	8	"	16	lbs.	14	lbs.	12.00	13.50
3036	81/	2"	161/	2 lbs.	141/2	lbs.	12.50	14.00
3037	9	"	20	lbs.	18	lbs.	15.50	17.00
3038	10	"	28	lbs.	25	lbs.	22.00	25.00
3039	12	"	46	lbs.	43	lbs.	36.00	40.00
3040	13	"	55	lbs.	50	lbs.	44.00	48.00
3041	14	"	82	lbs.	77	lbs.	64.00	72.00
3042	15	"	92	lbs.	85	lbs.	72.00	80.00
3043	16	"	95	lbs.	88	lbs.	74.00	82.00
3044	17	"	140	lbs.	130	lbs.	110.00	120.00
3045	18	"	155	lbs.	145	lbs.	120.00	135.00

TRIP GONGS Polished

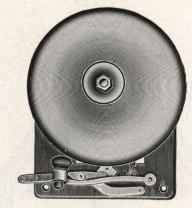


Fig. 5875

No.	Size	Each
3046	2"	\$.75
3047	3"	.85
3048	4"	1.05
3049	5"	1.40
3050	6"	2.00
3051	7"	3.00
3052	8"	4.00
3053	9"	6.00
3054	10#	7.00
3055		12.50
3056	15"	20.00
3057	1/"	22.00
3058		26.00
3059	20"	40.00
3060	24"	98.00

Polished Bell Metal, Japanned Iron Base, Brass Springs. Brass Base to order only.

PULL AND LET GO GONGS Single Hammer

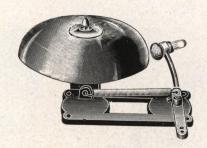
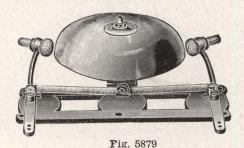


Fig. 5	5877
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No.	Size	Each
3061	6"	\$1.75
3062	8"	3.10
3063	10"	6.00
3064	12"	10.00
3065	14"	15.00
3066	16"	18.00
3067	18"	22.00
3068	20"	32.00

Polished Bell Metal, Japanned Iron Base. Brass Springs. Brass Base to order only.

PULL AND LET GO GONGS Double Hammer



Size No. Each 6" ..\$2.00 3069 3070 8" 7.00 3071 10" 12"12.50 3072 14" 307318.00 3074 16" 22.00 3075 18" 26.00

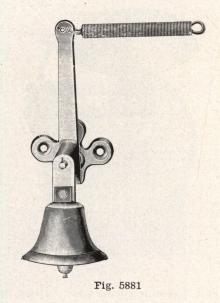
Polished Bell Metal, Japanned Iron Base. Brass Springs. Brass Base to order only.

3076

20"

CAST BRASS JINGLE BELLS

Polished



No. Size Each 3077 2½"\$1.25 3 " ______ 1.40 3078 3079 3080 3081 5 " ______ 2.30 3082 3083

All Brass with Brass Springs attached.

DEAD STOP BELLS

Fig. 5883

No.			Each
3084	Brass Frame, Iron	Bell	\$3.00

BRASS PILOT HOUSE SOUNDERS Polished



Fig. 5885



Fig. 5887

No.	Size	Each	No.	Size	Each
3085	1 ".	\$2.30	3089	1 "	\$3.25
3086	11/4".	2.30	3090	11/4"	
3087	11/2".	2.30	3091	11/2"	
3088	2 ".	3.00	3092	2 "	5.50

BRASS ENGINE ROOM SOUNDERS Polished

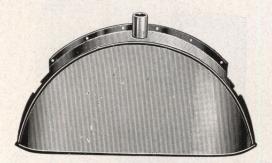


Fig. 5889

No.	For Gong	Each
3093	8"	\$3.50
3094	10"	4 5 0
3095	12"	5.50
3096	14"	6.50
3097	16"	7.50
3098	18"	8 50
3099	20"	9.50
4000	24"	10.50

CAST BRASS UPRIGHT TELEGRAPH AND BELL PULLEYS Plain

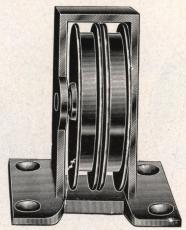
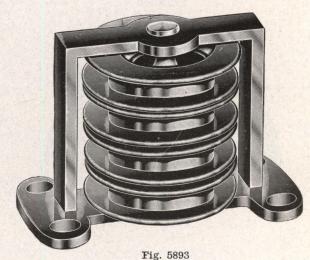


Fig 5801

	118.0001	
No.	Size	Each
4001	2 "One Wheel	\$.75
4002	2 "Two Wheel	1.25
4003	2 "Four Wheel	2.50
4004	3½" One Wheel	1.40
4005	3½" Two Wheel	2.50
4006	3½" Four Wheel	5.00

CAST BRASS SIDE TELEGRAPH AND BELL PULLEYS Plain



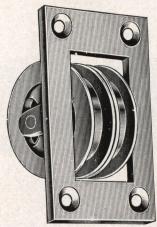
No. Each 2 "One Wheel 4007 " Two Wheel 1.25 4008 4009 " Four Wheel 2.50

 3½" One Wheel
 1.40

 3½" Two Wheel
 2.50

 4010 4011 3½" Four Wheel 5.00 4012

CAST BRASS MORTISE TELEGRAPH AND BELL PULLEYS Plain



3.7	~:	228. 0000	
No.	Size		Each
4016	2 "	One Wheel	\$.75
4017	2 "	Two Wheel	1.25
4018	2 "	Four Wheel	2.50
4019	31/2"	One Wheel	1.40
4020	31/2"	Two Wheel	2.50
4021	31/2"	Four Wheel	5.00

CAST BRASS OFFSET TELEGRAPH AND BELL PULLEYS Plain



Fig. 5897

		115. 0001	
No.	Size		Each
4022	2 "	One Wheel	\$.75
4023	2 "	Two Wheel	1 25
4024	2 "	Four Wheel	
4025	31/2"	One Wheel	1.40
4026	31/2"	Two Wheel	2.50
4027	31/2"	Four Wheel	5.00

CAST BRASS TANDEM SIDE TELEGRAPH AND BELL PULLEYS

Plain

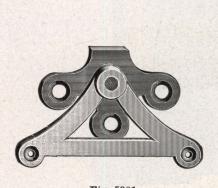


Fig. 5899

No.	Size		Each
4028	2 "	Two Wheel	\$1.25
4029	2 "	Four Wheel	2.50
4030		Eight Wheel	
4031		Two Wheel	
4032		Four Wheel	
4033		Eight Wheel	

CAST BRASS BELL CRANKS

Plain





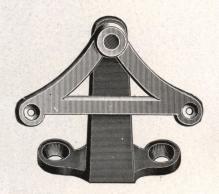
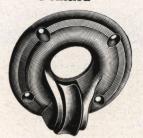


Fig. 5903

No.		Each
4034	Side Heavy	\$.50
4035	Side Extra Heavy	.65
4036	Upright Heavy	.65
4037	Upright Extra Heavy	.75

CAST BRASS COAMING BUSHING For Whistle Cord Polished



No. Diameter 4038 25/8"

Fig. 5905

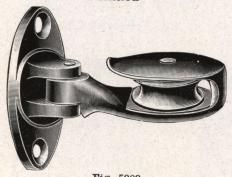
Per Doz. ...\$9.60

CAST BRASS SWIVEL BLOCKS For Whistle Cord Polished



No. Size Fig. 5907 Each 4039 2½" Single \$1.15 4040 2½" Double 1.60

CAST BRASS OVERHEAD HINGE PULLEY For Whistle Cord Polished



No. Size Base 21/4" x 11/4"

Fig. 5909

Each \$1.25

CAST BRASS SIDE PULLEYS For Whistle Cord Polished



No. 4042	Size Base	C: 1	Fig. 5911	Each
4043	$6\frac{3}{4}$ " x $1\frac{3}{8}$ "	Single		\$3.00
כדטד	63/4" x 13/8"	Double		5.00

BRASS TELEGRAPH AND BELL CHAIN



Fig. 5913

No.	Size	Each
4044	12"	\$.50
4045	18"	.75
4046	24"	1.00
4047	Per Running Foot any Length	.50
4048	Per Running Foot 250 ft. Reel	.50

BRASS END LINKS For Telegraph Chain



Fig. 5915

No.	Each
4049	\$.10

BRASS REVERSE LINKS For Telegraph Chain



Fig. 5917

No.		Each
4050	- <u> </u>	.10

BRASS WIRE SLEEVE



Fig. 5919

No.	Size		Each
4051	$\frac{5}{16}$ " x 13/8"	Standard	\$.10
4052	$\frac{7}{16}$ " x 13/4"	Large	.20

CAST BRASS ROLLER WIRE BEARERS

Plain

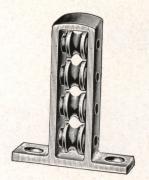


Fig. 5921 Vertical Type

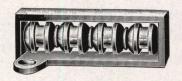


Fig. 5923 Horizontal Type

No.	Size Base		The Second
4053	3/4" x 21/2"	Vertical Four Wheel	Each
4054	3/4" x 31/4"	Vertical Eight Wheel	\$1.80
4055		. orthodi Eight Whice	2.40
4056			1.80
	74 4 1/8	Horizontal Eight Wheel	2.40

CAST BRASS WIRE BEARERS

Plain



Fig. 5925 Vertical Type



Fig. 5927 Horizontal Type

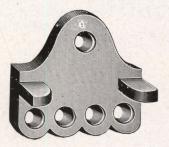


Fig. 5929 Side Type

No.	Size Base		Each
4057	$\frac{13''}{16}$ x $13/4''$	Vertical	\$.45
4058	7/8" x 21/8"		.45
4059	21/8" x 11/8"		

BRASS BELL SPRINGS



Fig. 5931

No.	Size	Gauge Wire	Each
4060	6"	No. 17	\$.50
4061	8"	No. 16	.70
4062	10"	No. 15	1.50
4063	12"	No. 14	1.90
4064	12"	No. 12 Heavy	2.50
4065	18"	No. 12 Heavy	3.00

BRONZE BELL WIRE



Fig. 5933

No.	Gauge Wire	Per Pound
4066	8	\$.61
4067	11	.62

Special Bronze that will stand bending, and will not stretch.

CAST BRASS BELL WIRE TURNBUCKLES

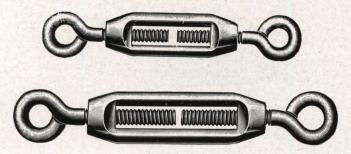


Fig. 5935

No.	Size	Per Doz.
1	21/4"	\$3.00
2	3 "	3.60
3	31/2"	4.80
4	41/4"	6.00
5	5 "	7.50

Ends are threaded Right and Left Hand.

CAST BRASS TELEGRAPH TURNBUCKLES

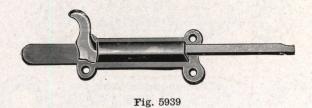


Fig. 5937

No.	Length Closed	Open	Each	1
4068		6 "	\$1.30	
4069	61/2"	83/4"	1.60	

With one Swivel End, the other end is threaded and has a lock nut and loose link attached.

CAST BRASS BELL PULLS With Straight Handles Polished



No.	Length Overall		Per Doz.
0	41/2"		\$3.72
1	8 "		10.80
2	10 "		14.40
3	101/2"		16.20
4	12 "	With Rubber Cushion	42.00

CAST BRASS BELL PULLS With Loop Handles Polished



Fig. 5941

		하다고 있는데 그리고 있었다. 중에 중에 하는데	
No.	Length Overall		Per Doz.
1	8 "		\$10.80
2	10 "		14.40
2			16.20
3	101/2"		42.00
4	12 "	With Rubber Cushion	42.00

CAST BRASS LEVER WHISTLE PULL

Polished-

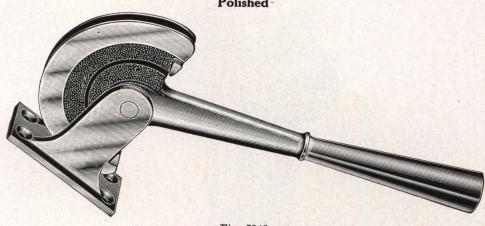


Fig. 5943

No.	Size of Base Le	ngth of Ha	andle	Each
4070	1½" x 4"	93/4"		\$15.00

CAST BRASS POST PULLS

Polished

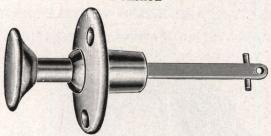


Fig. 5945 No. Length of Pull Each 31/2" 4071 Knob Handle \$1.75 4072

WOOD WHISTLE CORD PULLS

For Rope



Fig. 5947

No.	Size	115, 0017	Each
4073	$1\frac{3}{4}$ " x $5\frac{1}{2}$ "		\$.50

CAST BRASS STANDARD WHISTLE MOUTH PIECES Polished



Fig. 5949

No.	Size	Each	ı
4074	1 "	\$2.75	
4075	11/4"	3.00)
4076	11/2"	3.00)
4077	2 "	5.00)

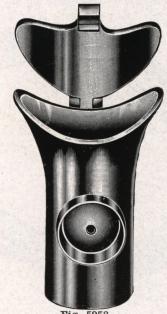
CAST BRASS STANDARD ELBOW WHISTLE MOUTH PIECES Polished



Fig. 5951

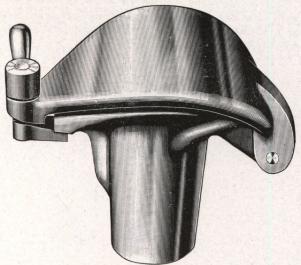
No.	Size	Each
4078	1 "	\$2.75
4079	11/4"	3.00
4080	11/2"	3.00
4081	2 "	5.00

CAST BRASS STANDARD COVERED WHISTLE MOUTH PIECES Polished



No.	Size	Fig. 5953	Each
4082	1 "		\$5.00
4083	11/4"		6.00
4084	11/2"		7.00
4085	2 "		8.00

CAST BRASS STANDARD STEAM TIGHT MOUTH PIECES Polished



No.	Size	Fig. 5955	Each
4086	1 "		\$9.00
4087	11/4"		10.00
4088	11/2"		11.00
4089	2 "		12.00

FLEXIBLE WHISTLE MOUTH PIECE

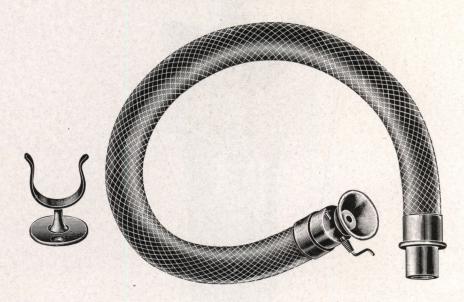


Fig. 5957

No.	Size	Each
4090	1 "	\$8.00
4091	11/4"	10.00
4092	11/2"	12.00
4093	2 "	15.00

Complete with Cast Brass Whistle, Mouthpiece, Bracket and End Connection. Composed of Spiral Steel Wire, Rubber and Cloth Covered, attached to substantial Cast Brass Fittings.

BRASS SPEAKING TUBE STRAPS

Polished



Fig. 5959

No.	Size	Each
	1 "	\$.10
		15
4095	11/4"	
4096	11/2"	 .20

CAST BRASS SPEAKING TUBE ELBOWS

Plain



Fig. 5961

No.	Size	Each
4097	1 "	\$1.45
4098	11/4"	1.60
4099	11/2"	1.75
4100	2 "	3.50

CAST BRASS SPEAKING TUBE ELBOWS 45°



Fig. 5963

No.	Size	Each
4101	1 "	\$1.40
4102	11/4"	1.55
4103	11/2"	 1.60
4104	2 "	3.25

CAST BRASS SPEAKING TUBE TEES Plain



Fig. 5965

No.	Size	Each
4105	1 "	\$1.40
4106	11/4"	1.55
4107	11/2"	1.60
4108	2 "	3.25

CAST BRASS SPEAKING TUBE "Y" BRANCHES Plain



Fig. 5967

No.	Size	Each
4109	1 ".	\$2.00
4110	11/4"	2.15
4111	11/2"	2.55
4112	2 "	4.20

CAST BRASS SPEAKING TUBE DECK NIPPLES

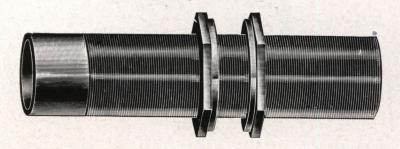


Fig. 5969

No.	Size			Each
4113	1 "x 8	"		
4114	1 "x 12	"		\$2.80
4114	1 " X 1 Z	19 1		3.75
4115	11/4" x 8	"		3.20
4116	11/4" x 12	"		
				4.35
4117	$1\frac{1}{2}$ " x 8	"		3.60
4118	11/2" x 12	"		3.00
	1/2 X 12	S. Stores	***************************************	5.00
4119	2 "x 8	"		
4120	2 " 12			4.50
4120	2 "x 12	"		5.80

SEAMLESS BRASS SPEAKING TUBE COUPLINGS



Fig. 5971

No.	Size		是"不是不是在我们的"的一个一个	Each
4121	1 "x4	"		5.35
4122	11/4" x 4	"		 .45
4123	11/2" x 4	"		55
4124	2 "x6	"		.85

SEAMLESS BRASS SPEAKING TUBE



Fig. 5973

No. Ou	tside Diameter	Per 100 Ft.
4125	1 "	\$40.00
4126	11/4"	50.00
4127	11/2"	65.00
	1 / 2	90.00
4128	Z "	70.00

STATEROOM NUMBER PLATES

Porcelain



Fig. 5975



Fig. 5977

No. 4129 4130 4131 4132 4133 4134 4135 4136	Size 3 "x23/4" 21/2"x21/2" 21/8"x2 " 11/4"x11/4" 31/2"x11/2" 23/4"x11/4" 21/4"x1 " 13/4"x 3/4"	Shield	Black and Gold per 100 \$32.00 30.00 28.00 19.00 32.00 30.00 28.00 19.00	Black only per 100 \$24.00 23.00 22.00 15.00 23.00 22.00 15.00
4137	31/4" x 11/2"	Oval	32.00	24.00
4138	23/4" x 11/4"		30.00	23.00
4139	21/4" x 1 "		28.00	22.00
4140	13/4" x 3/4"		19.00	15.00

NAME PLATES Porcelain

· STEWARD ·)

Fig. 5981

No.	Size	Black and Gold Each	Black only Each
4141	5" x 11/4" 6" x 11/4"	* .70 .85	\$.55
4143	7" x 11/2"	1.00	.80
4144	8" x 11/2"	1.20	1.00
4145	$9'' \times 11/2''$	1.40	1.20

KEY TAGS

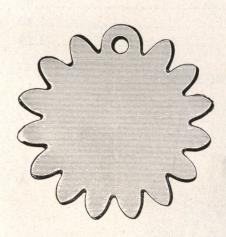


Fig. 5983

S.S. CREOLE

STATEROOM

50

935

SOUTHER PACIFIC

Fig. 5985

No.		Per 10	00
4146	Brass, plain	\$5.0	0
4147	Fibre, plain	4.0	

Lettered to order. Prices on application.

CAST BRASS FLOOR BULL'S EYE Polished



Fig. 5987

No.	Diameter of Opening	Diameter of Flange	Each
1	3/4"	13/4"	\$.25
2	1 "	21/4"	
3	13/8"	21/2"	
4	13/4"	3 "	
5	2 "	31/2"	.75
6	21/2"	41/2"	
7	3 "	47/8"	1.40
8	33/4"	55/8"	
9	4 "	57/8"	

CAST BRASS FENDER HOOKS

Polished

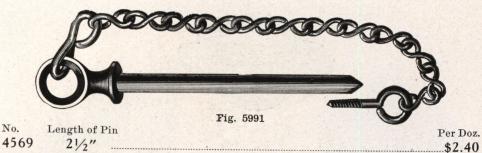


Fig. 5989

No.	Size of Plate	For Diameter Rope	Per Doz.
1	2"	$\frac{5}{16}''$	\$4.80

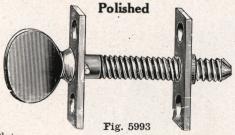
CAST BRASS SASH PINS

Plain

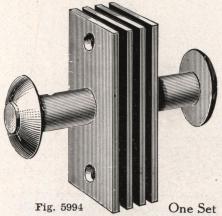


Packed 2 Plates with each Pin.

CAST BRASS PAPER FILE OR MIRROR SCREW



BRASS OYSTER TONG RIVETS



No.		
4570	Per dozen Sets, Complete	\$4.20
4571	Rivets and Burs only, Per Dozen	2.04
4572	Plates only, Per Dozen Sets (48)	2.04

CAST BRASS AUTOMATIC BOAT DRAIN Plain



Fig. 5995

No. Dia	ameter Flange	Diameter Opening	Each
4148	21/4"	3/4"	\$1.50
4149	35/2.	11/4"	2.30
7177	Extra Bal	l Valves	.25

CAST BRASS PORT LIGHT CHAINS

Plain

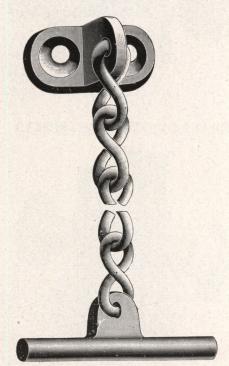


Fig. 5997

No.	Length of Chain	Each
4150	15"	\$1.00

PORT LIGHTS FOR WOOD OR STEEL HULLS

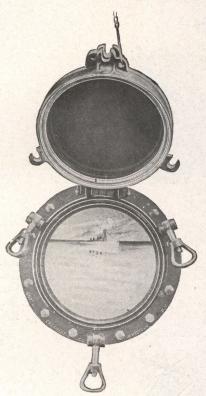




Fig. 5999

No.	Diameter of Opening	Diameter of Clear Glass	Thickness of Glass	
4151	9"	9"	3/4")	1
4152	10"	10"	3/4"	Price on
4153	12"	12"		Application
4154	14"	14"	3/4" \ 3/4" \	. ipplication

Composition Brass or Malleable Iron Frame and Finishing Ring, Brass Glass Sash, Grey Iron Storm Shutter. Furnished with Four Fasteners where Storm Shutters are used, otherwise only Three are required.

This Light is made with the Storm Shutter and Sash Lifting up, so that they are out of the way when open, and are made with rings to fasten them.

The Fasteners all drop down out of the way when not in use, and do not obstruct the opening of the light.

PORT LIGHTS Heavy for Steel Hulls—Standard Pattern

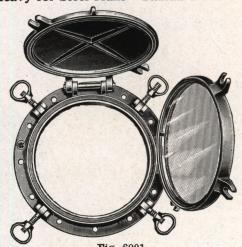


Fig. 6001

No.	Diameter of Opening	Diameter of Clear Glass	Thickness of Glass	Diameter of Frame	Approximate Weight
4155	10"	10"	3/4"	143/8"	48 lbs.
4156	12"	12"	3/4"	163/8"	$54\frac{1}{2}$ lbs.
4157	14"	14"	7/8"	181/2"	663/4 lbs.
4158	16"	16"	1 "	201/2"	903/4 lbs.
4159	18"	18"	1 "	231/8"	$103\frac{3}{4}$ lbs.

Brass Frame and Sash, Grey Iron Storm Shutter.

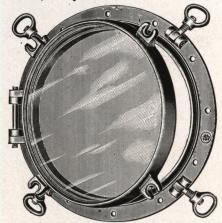


Fig. 6003

No.	Diameter of Opening	Diameter of T	Chickness of Glass	Diameter of Frame	Approximate Weight
4160	10"	10"	3/4"	143/8"	331/2 lbs.
4161	12"	12"	3/4"	163/8"	42 lbs.
4162	14"	14"	7/8"	181/2"	523/4 lbs.
4163	15"	15"	3/4"	193/8"	563/4 lbs.
4164	16"	16"	1 "	201/2"	$72\frac{3}{4}$ lbs.
4165	18"	18"	1 "	231/8"	833/4 lbs.

SIDE OR PORT LIGHTS Octagon Pattern-Two Fastenings-For Wood Hulls



Fig. 6005

No.	Dia. Opening	Thickness of Glass	Galv. Iron	Plain Brass	Pol. Brass
4166	10"	1/2"	\$14.00	\$17.00	\$20.00
4167	11"	1/2"	16.00	22.00	27.00
4168	12"	1/2"	20.00	27.00	32.00
4169	14"	3/4"		32.00	38.00

Round Pattern-Two Fastenings-For Wood Hulls



Fig. 6007

No.	Dia. Opening	Thickness of Glass	Galv. Iron	Plain Brass	Pol. Brass
4170	10"	1/2"	\$14.00	\$17.00	\$20.00
4171	11"	1/2"	16.00	22.00	27.00
4172	12"	1/2"	20.00	27.00	32.00

PORT LIGHTS Malleable Iron and Cast Brass—Octagon Pattern



Fig. 6009

No.	Size of Opening	Thickness of Glass		vanized n Each	Plain Brass Each
4173	3"	1/4"	\$	2.25	\$2.75
4174	4"	1/4"		2.50	3.00
4175	5"	3/8"		2.75	3.25
4176	6"	3/8"		3.90	4,40
4177	7"	1/2"		4.75	5.50
4178	8"	1/2"		5.75	6.50
4179	9"	1/2"		8.00	9.00
4180	10"	1/2"	1	0.00	12.00

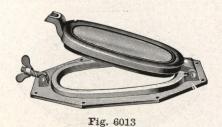
PORT LIGHTS Malleable Iron and Cast Brass—Round Pattern



Fig. 6011

No.	Size of Opening	Thickness of Glass	Galvanized Iron Each	Plain Brass Each
4181	3"	1/4"	\$2.25	\$2.75
4182	4"	1/4"	2.50	3.00
4183	5"	3/8"	2.75	3.25
4184	6"	3/8"	3.90	4.40
4185	7"	1/2"	4.75	5.50
4186	8"	1/2"	5.75	6.50
4187	9"	1/2"	8.00	9.00
4188	10"	1/2"	10.00	12.00

CAST BRASS PORT LIGHTS Oval Pattern



No.	Size of Opening	Plain Polished Brass Each Brass Each
4189	4" x 7"	\$4.00 \$6.00
4190	5" x 9"	6.00 8.00

CAST BRASS PORT LIGHTS Plain Inside Pattern



Fig. 6015

	Size of			Thickn	ess of Wo	ood			
No.	Opening	1 in. Each	2 in. Each	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.
4101	411			Each	Each	Each	Each	Each	Each
4191	4"	\$5.20	\$6.05	\$7.00	\$8.05	\$9.05	\$10.00		
4192	5"	6.55	7.45	8.55	9.65	10.75	11.85	\$12.95	
4193	6"	7.85	8.90	9.90	11.10	12.30	13.50	14.70	\$15.90
4194	7"	9.60	10.70	11.75	13.10	14.40	15.65	17.00	18.30
4195	8"	10.85	12.25	13.60	15.10	16.60	18.10	19.65	21.10
4196	9"	13.20	14.60	16.05	17.50	19.20	20.90	22.60	24.30
4197	10"	16.60	18.25	19.85	21.50	23.40	25.30	27.20	29.10
4198	12"	27.25	28.75	30.70	32.70	34.80	36.90	39.00	41.10

This light is designed to be inserted from the inside of the boat. A ring is provided to fit tightly over the rim on the outside for a finish. In ordering, be careful to state the exact thickness of wood. We will then make allowance for the ring. Odd lengths of rim charged at price of next longer in list.

BRASS FIXED LIGHT





Fig. 6017

No.	Dia. of Glass in Clear	Thickness of Glass	Each
4199	6"	1/2"	\$8.50
4200	8"	1/2"	13.00
4201	10"	1/2"	18.30
4202	12"	5/8"	21.10

Brass frame, polished plate glass lens. Glass held in place by threaded bezel ring.

Malleable Iron Frames can be furnished if desired.

BRASS FIXED LIGHT

Plain



Fig. 6019

No.	Glass in Clear	Thickness of Glass	Each
4203	6"	1/2"	\$9.30
4204	8"	1/2"	14.70
4205	10"	3/4"	21.50
4206	12"	3/4"	26.20

Brass frame, polished plate glass lens. Glass held in place by threaded bezel ring. For inserting in steel hulls from inside. Length of spigot as required.

Also furnished with storm cover.

PORT HOLE SCREENS Brass Rim, Copper Screen



Fig. 6021

No.	Size	Each
4207	3"	\$.75
4208	A"	.85
4209	5"	1 00
4210	6"	1 20
4211	7"	1 40
4212	8"	1 60
4213	9"	1.80
4214	10"	2.00
4215	12"	2 25

AIR SCOOPS FOR PORT HOLES Copper, Brass or Galvanized

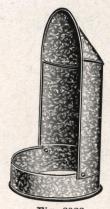


Fig. 6023

No.	Diameter	Galvanized Each	Brass Each	Copper Each
4216	3"	\$1.20	\$2.40	\$2.75
4217		1.40	2.80	3.25
4218	5"	1.60	3.20	3.75
4219		1.80	3.60	4.00
4220	7"	2.00	4.00	4.50
4221	8"		4.40	5.00
4222	9"	2.40	4.80	5.25
4223	10"	2.60	5.20	5.75
4224	12"	3.00	6.00	6.75

HEXAGON GLASS DECK LIGHTS

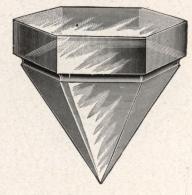


Fig. 6025

No.	Diameter of 1	ace	Per Doz.
1	3"		\$8.00
2	4"		17.00

RIBBED GLASS DECK LIGHTS

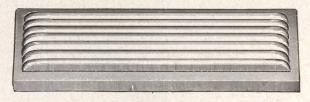


Fig. 6027

No.	Size	Per Doz.
1	6 "x3 "	\$9.50
2	91/2" x 21/2"	18.25
3	10 "x3"	19.25
4	101/2" x 31/2"	23.00
5	12" x 4"	32.50

PORT LIGHT AND DECK LIGHT GLASSES







Fig. 6031

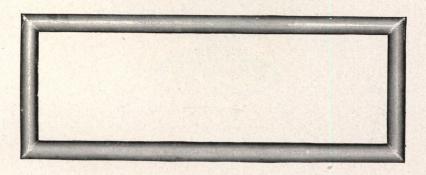
Furnished to order Round, Oval, Square, Oblong or Special shapes, in any thickness, and with ground edge, polished ground, or chipped surface.

Nipped edge glasses are usually supplied, except where great accuracy is needed when we grind the edges.

When ordering bevel edge glasses state total thickness and thickness to the bevel. Prices on application.

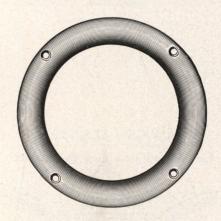
CAST BRASS RECTANGULAR FRAMES

For Ribbed Deck Lights



		11g. 0035
No.	Size	Each
4225	10 "x3 "	\$3.25
4226	$10\frac{1}{2}$ " x $3\frac{1}{2}$ "	3.50
4227	12 "x4"	3.75

CAST BRASS ROUND FRAMES FOR GLASS



No. Diameter Diameter Each Each Each Each Each Each Each Each	
1 27/ Each Each	Brass
1 37/8" 53/4" \$.25	ach
	\$.40
2 43/8" 61/4"	.45
3 47/8" 63/4"	.55
4 51/4" 71/4"	.70
5 53/4" 8 "	.80
6 61/4" 81/2"	.90
7 71/4" 93/4"	1.05
8 81/4" 111/4"	1.25
9 91/4" 121/4"1.00	1.50

CAST BRASS JAM CLEATS Polished



Fig. 6037

No.	Length	Per Doz.
1	21/8"	\$2.04
2	3 "	3.00
3	43/8"	3.60

CAST BRASS JAM CLEATS Polished



Fig. 6039

No.	Length	Per Doz.
4228	3"	\$3.60
4229	4"	4.80
4230	5"	7.20

AWNING CLEATS Galvanized Iron and Cast Brass



Fig. 6041

No.	Length	Galvanized Iron P. Per Doz. P	
1	41/2"	\$.20	\$.40
2	6 "		.70
3	8 "	.50	1.25
4	1.0 "	1.50	2.50

CAST BRASS CLEATS Polished



No.	Length	Fig. 6043	er Doz.
50	2 "		\$3.00
51	21/2"		4.80
52	31/4"		9.00

TRANSVERSE CLEATS Galvanized Iron and Cast Brass



No.	Length	F ig. 6045	Galv. Iron Each	Pol. Brass Each
1	41/2"		\$.15	\$.45
3	6 "	······	.18	.50
4	7 "			.60
5	8 "			.80

MAIN SHEET CLEATS Galvanized Iron and Cast Brass



No.	Length	Fig. 6047	Galv. Iron Each	Pol. Brass Each
1	6"		\$.20	\$.75
2	7"		.25	1.00
3	9"			1.75
4	12"			3.25
5	15"		1.00	4.25
6	18"		1.25	5.00

BOAT CLEATS Malleable Iron and Cast Brass

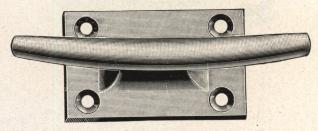


Fig. 6049

No.	Size	Galvanized Iron Per Doz. Br	
1	2 "	\$.60	\$1.44
11/2	23/4"	.60	2.16
2	31/4"	.84	3.00
3	33/4"	1.08	4.20
4	41/2"	1.80	5.04
5	51/2"	2.04	7.44
6	6'"	3.00	10.20

BOAT CLEATS Cast and Malleable Iron and Cast Brass



Fig. 6051

No.	Siz	Page 9	Galvanized Iron Polished Brass Per Doz. Per Doz.
7	21/		\$1.08 \$3.00
8	41/		
9	51/	"	1.68 4.80
10	6	,,	2.40 6.60
11	7	"	2.88 7.80
12	8	"	3.60
			Galvanized
No.	Siz		Cast Iron Polished Brass Per Doz. Per Doz.
12	9	"	\$3.60 \$15.00
13	10	"	4.56 19.80
14	10		
15	12	"	6.96 25.20
16	14	"	12.00 42.00
17	18	"	18.00

CAST IRON SHIP CLEATS Plain



Fig. 6053

No.	Size	Weight	
4231	14"	11 lbs.	Each
4232	30"		\$1.50
7232	30	111 lbs.	15.00

CAST IRON SHIP CLEAT Plain



Fig. 6055

No.	Size	Weight	Took
4233	48"	243 lbs.	Each \$28.00
			Ψ20.00

IRON DAVIT CLEATS Galvanized



Fig. 6057

	To Fit Diameter		
No.	Davit Iron	Length	Each
1	11/4"	8 "	
2	11/2"	9 "	\$.80
3	13/4"	10 "	.90
4	2""	12 "	1.00
5	21/4"	12 "	1.15
6	21/2"	13 "	1.25
7	3 "	141/11	1.40
8	21/"	141/2"	1.50
0	1/2	141/2"	1.75
10	4 "	141/2"	2.00
10	41/2"	15 "	2.75
11	5 "	15 "	3.00
12	51/2"	151/2"	3.50
		CONTRACTOR OF STREET	J.J.

STRAIGHT OR STERN CHOCKS

Cast Iron and Brass

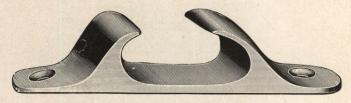


Fig. 6059

Light Pattern for Motor Boats

No.	Length	ı	Galvanized Iron Each	Polished Brass Each
4235	31/2"	,	\$.06	\$.30
4236	4 "	,	.08	.40
4237	41/2"	,	.10	.55
4238	5 "	,		.70
4239	6 "	,	.20	.90
4240	7 '	,		1.25
4241	8 '	,		2.00
4242	10 '		State of the state	3.00

STRAIGHT OR STERN CHOCKS

Galvanized Cast Iron



Fig. 6061

Regular Pattern for Small Boats and Yachts

No. Lengt	h	Each
4243 61/2	"	\$.24
4244 71/2	"	.35
4245 81/2		50
4246 101/2	<i>"</i>	.60
4247 111/2	<i>"</i>	.76
4248 13	<i>"</i>	1.00
4249 14	<i>n</i>	1.40
4250 15	"	1.90

CAST IRON SHIP CHOCKS Flat Base



Fig. 6063

No.	Length	Width	Height	Opening	Each
4253	14"	31/2"	4 "	3 "	\$6.25
4254	15"	31/2"	51/4"	3 "	7.75
4255	18"	31/2"	41/2"	31/4"	8.25
4256	20"	5 "	51/4"	31/2"	12.75
4257	22"	41/2"	51/2"	41/2"	11.75
4258	22"	5 "	5 "	41/2"	11.50

Babbitted furnished to order.

CAST IRON BULWARK CHOCKS





Fig. 6065

No.	Length	Width	Height	Opening	Each	
4259	18 "	8 "	7"	4 "	Flat Base\$25.25	
4260	183/4"	6 "	6"	4 "	Flat Base 19.25	
4261	183/4"	63/4"	6"	4 "	Flat Base	
4262	183/4"	73/4"	6"	4 "	Flat Base 21.25	
4263	183/4"	9 "	6"	4 "	Flat Base	
4264	181/4"	8 "	7"	41/2"	Cts'k Base 16.75	
4265	183/4"	73/4"	7"	4 "	Cts'k Base 15.75	
4266	183/4"	83/4"	7"	4 "	Cts'k Base 17.00	
Babbitted furnished to order.						

CAST IRON SIDE ROLLER CHOCKS Plain

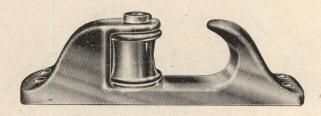


Fig. 6067

No.	Base	Weight	Each
4267	10" x 36"	306 lbs.	 \$60.00

CAST IRON CENTER ROLLER CHOCKS Plain



Fig. 6069

No.	Base	Weight	Roller	Each
4268	6½" x 31½"	110 lbs.	4" Dia.	\$28.00

CAST IRON CENTER ROLLER CHOCKS Plain



Fig. 6071

No.	Base	Weight	Roller	Each
4269	11" x 45"	472 lbs.	6" x 71/4"	\$96.00

CAST IRON BOW CHOCKS

Galvanized

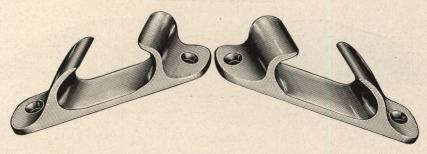


Fig. 6073

No.	Length	Opening for	Rope	Per Pair
4270	3 "	5/8"		\$ 10
4271	41/2"	3/4"		12
4272	51/2"	1 "	•	20
4273	61/2"	11/8"		35
4274	8 "	11/4"		60
4275	101/2"	11/2"		90
4276	12 "	15/8"		1.50
				1.20

CAST BRASS BOW CHOCKS

Polished

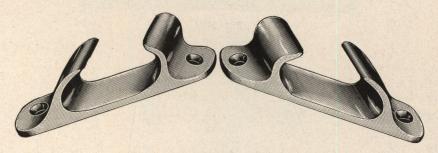


Fig. 6075

No.	Length .	Per Pair
4277	3"	\$.50
4278	4"	
4279	5"	1 50
4280	6"	1 75
4281	7"	
4282	8"	3.00
4283	9"	4.00
4284		5.00
4285	12"	7.00

CLOSED BOW CHOCKS

Cast Iron and Brass



Fig. 6077

No.	Length	Galv'd Iron Per Pair	Pol. Brass Per Pair
4286	41/2"	\$.20	\$1.40
4287	51/2"	.30	2.00
4288	61/2"	.55	2.50
4289	8 "	1.00	3.50
4290	101/2"	1.50	6.00

CLOSED STRAIGHT CHOCKS

Cast Iron and Brass



Fig. 6079

No.	Lengt	th		Gal	v'd Iron Each	Pol. Brass Each
4291	31/2				\$.08	\$.40
4293	Acres Bally (Marine)	"			.10	.50
4294	41/2	"			.12	.60
4295	51/2				.18	.85
4296		"			.24	1.00
4297	61/2	"			.28	1.25
4298	71/2				.40	1.75
4299	8	"			.60	2.50
4300	10	"			.70	3.50
4301	12	"			1.00	
4302	13	"			1.30	
4303	15	"			1.80	
4304	18	"	Per Pound		.09	
4305	20	"	Per Pound		.09	
4306	22	"	Per Pound			
4307	24	"	Per Pound		.09	

DOUBLE HEAD CHOCKS Cast Iron and Brass

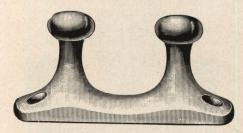


Fig. 6081

No.	Length	Galvanized Iron Each	Polished Brass Each
1	41/2"	\$.12	\$.80
2	6 "	.25	1.50
3	71/2"	40	2.25
4	9 "	60	3.25
41/2	101/2"	1.25	3.23
5	12 "	2.50	
6	15 "	4.00	

IMPROVED RIDING BITTS Cast Iron and Brass



Fig. 6083

No.	Height	Extreme Leng of Arms	gth Size of Base	Galvanized Iron Each	Polished Brass Each
1	7 "	61/2"	41/2" x 6 "	\$3.00	\$6.00
11/2	81/2"	8 "	5 "x6"	5.50	8.00
2	10 "	10 "	51/2" x 81/2"	7.50	10.00

IRON TOWING BITTS

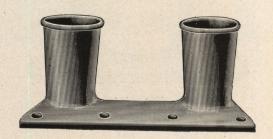


Fig. 6085

No.	Height Dia. Head	Width Base Length Base	Weight
4308	16 " 9 "	12 " 32 "	135 lbs\$13.50
4309	18 " 11 "	141/2" 381/2"	425 lbs 42.50
4310	191/4" 121/2"	16 " 43 "	525 lbs 52.50

IRON BOLLARDS

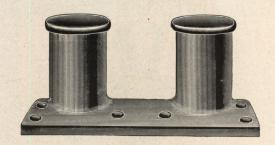


Fig. 6087

No.	Height	Dia. Head	Width Bas	e Length Base	Weight	Each
4311	9"	5"	8"	19"	100 lbs.	\$10.00
4312	11"	7"	10"	25"	120 lbs.	12.00
4313	14"	10"	14"	34"	550 lbs.	55.00
4314	19"	12"	16"	42"	750 lbs.	75.00

SHIP CAPSTANS



Fig. 6089

No.	Dia. of Barrel	Dia. of Base	Height	Weight	Each
0	73/4"	.183/4"	24 ".	272 lbs.	\$87.00
1	83/4"	221/2"	271/2"	430 lbs.	
2	91/2"	24 "	301/2"	563 lbs.	114.00

Standard design. Best construction and workmanship throughout. Castings used are all high grade, made from perfect metal patterns. The shaft is of Cold Rolled Steel. Head, Barrel, Gear and Pinions, are machined and lined with Babbitt Metal, insuring proper fit, minimum friction and no rust on parts in contact.

SINGLE BITTS



Fig. 6091

No.	Height	Diameter	Base Sq.	Dia. Horns	Weight	Each
4315	261/2"	141/4"	21"	3"	425 lbs.	\$88.25

ENOS WINDLASS



Fig. 6093

No. Heigh	Length Overall	Diameter of Drum	Base Dimensions	Galvanized Iron Each	Polished Brass Each
0 6 '	71/2"	21/2"	41/2" x 6 "	\$10.50	\$21.00
1 81/2'	9 "	31/4"	$6\frac{3}{8}$ " x $8\frac{1}{2}$ "	11.00	22.00
2 101/2'	' 11 "	31/2"	71/4" x 91/2"	13.00	24.00
3 111/2'	131/2"	41/2"	9 "x 12 "	17.00	30.00

KELLY WINDLASS

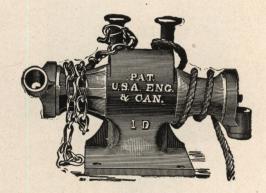


Fig. 6095

No.	Height	Length Overall	Diameter of Drum	Base Dimensions	Galvanized Iron Each	Polished Brass Each
1	9 "	15"	31/4"	8½" x 85/8"	\$15.50	\$30.00
2	10 "	17"	31/2"	85/8" x 9 "	17.00	32.00
3	121/2"	20"	41/2"	10½" x 11 "	20.00	40.00

PATENT GYPSEY WINDLASS

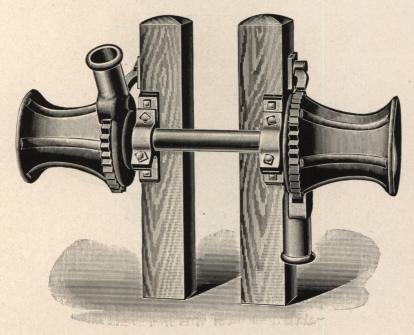


Fig. 6097

No.	Length of Head	Dia. of Head on Outside End	Width from Outside to Outside of Bitts	Estimated Weight	Size of Chain	Each
E	51/4"	41/2"	6"	35 lbs.	3"	\$8.00
D	6 "	5 "	8"	55 lbs.	1/4"	9.00
C	61/2"	71/2"	10"	80 lbs.	5"	10.00
В	7 "	71/2"	12"	100 lbs.	3/8"	12.00
0	8 "	81/2"	12"	160 lbs.	3/8"	16.00
1	91/2"	10 "	14"	190 lbs.	1/2"	21.00
2	12 "	111/2"	16"	280 lbs.	5/8"	28.00
21/2	13 "	13 "	18"	340 lbs.	5/8"	37.50
3	141/2"	131/2"	20"	425 lbs.	3/4"	44.00
31/2	161/2"	141/2"	22"		3/4"	53.00

Bitts are measured from outside to outside—there may be one or two.

Galvanized Gypsey Windlasses furnished to order. Price on application. Windlasses made to order to any length bitt desired.

CAST BRASS DECK PLATES

Polished

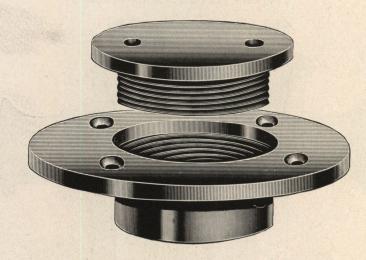
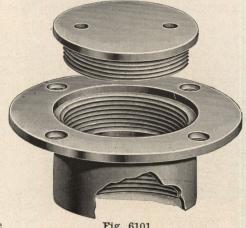


Fig. 6099

No.	Dia. of Open	ing
4976		
		*.55
4977	11/4"	.60
4978	11/2"	.65
4979	13/4"	.70
4980	2 "	.80
4981	. 21/4"	1.00
4982	21/2"	1.20
4983	23/4"	1.30
4984	3 "	1.40
4985	31/2"	1.70
4986	4 "	1.90
4987	41/2"	2.60
4988	5 ".	3.75
4989	6 "	5.10
4990	7 "	8.00
4991	8 "	9.30

One Key is furnished with each Plate.

CAST BRASS DECK PLATES Iron Pipe Sizes—Polished



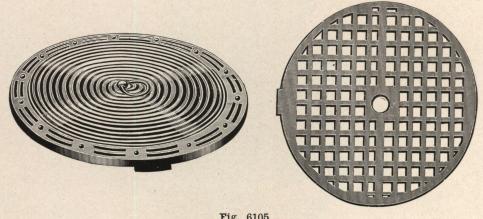
No.	Threaded	for Pipe	Fig. 6101	Each
- 1	3/4"	•••••		\$1.00
2	1 "	***************************************		. 1 20
3	11/4"			
4	11/3"			2.00
5	2"		4	2.50
6	21/2"			3.50
7	3 "			4.50
8	4 "			6.00
	One K	ev is furnished	with each Plate	0.00

CAST BRASS DECK PLATES With Extra Rim for Ventilators—Polished



No. Dia	. of Opening	Dia. of Plate	Fig. 6103	Each
4992	2 "	4 "		\$1.35
4993	21/2"	41/2"		1.00
4994	3 "	47/8"		2 25
4995	31/2"	55/8"		2.40
4996	4 "	6 "		3.00
4997	41/3"	63/8"		3.75
4998	5 "	71/8"		5.20
4999	6 "	81/4"		7.50

MANHOLE OR BUNKER PLATES With Solid Cover and Grating-Non-Watertight



Fi	or	C	1	0	5
LI	g.	O	т	U	U

No.	Size	Weight	Plain Each	Galv'd Each
4316	10"	41 lbs.	\$9.50	\$12.00
4317	12"	57 lbs.	11.00	14.50
4318	14"	72 lbs.	12.00	17.50
4319	16"	95 lbs.	15.00	21.00
4320	18"	116 lbs.	20.00	25.50
4321	20"	150 lbs.	27.00	33.50

MANHOLE OR BUNKER PLATES With Solid Cover and Grating-Watertight

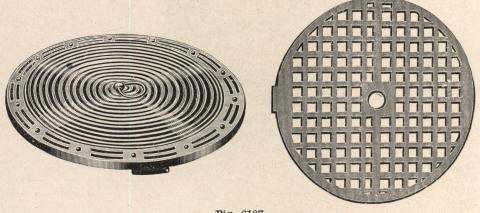
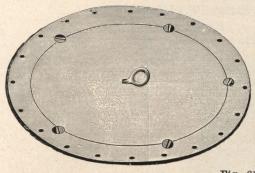


Fig. 6107

No. 4322	Size	Weight	Plain Each \$22.00	Galv'd Each \$30.00
4323	18"	135 lbs. 155 lbs.	30.00	37.50 45.00

BRASS DECK OR MANHOLE PLATES





		11g. 0100	
	Diameter of	Complete with	Without
No.	Opening	Grating	Grating
1	91/2"	\$20.00	\$17.50
2	121/2"	24.00	21.50
3	14 "	28.00	25.00
4	151/2"	32.00	28.50
5	18 "	38.00	34.00

6 20 " 50.00 45.00 Plate includes Cover and Grating. Is arranged with a Rubber Packing Ring and Screws, which makes the Plate Watertight. Grating is used when ventilation is desired.

WATER DECK IRONS



		F1g. 6111	
No.	Size		anized Plain
			Each Each
4325	2 "	\$\$.30 \$.25
4326	21/2"		.40 .30
4327	3 "		.60 .40
4328	31/2"		
			.65 .45
4329	4 "		.75 .55
4330	41/2"		.90 .65
4331	5 "	1	.00 .75
4332	51/2"	1	20 .90
4333	6"		30 .95
4334	61/2"		.45 1.05
4335	7 "		1.05
4336	9 "		
	0		.65 1.20
4337	9 "	2.	.00 1.50
4338	10 "		30 1.70
4339	11 "		00 2.50
4340	12 "		75 3.25
DI	. 15		3.43

Plain and Polished Brass Deck Irons furnished to order. The sizes indicate the opening for the Pipe.

CAST IRON MUSHROOM VENTILATORS

Plain

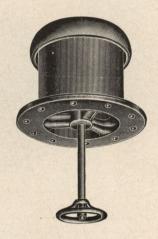


Fig. 6113

No.	Size	Weight	Each
4341	9" Dia.	105 lbs.	\$28.00
4342	10" Dia.	108 lbs.	32.00

CAST IRON GOOSENECK AIR EXTRACTOR

Plain

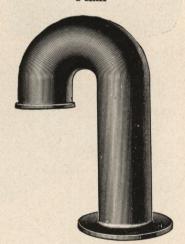


Fig. 6115

No.	Size	Eac	h
4343	4"		0

CURTAIN SNAPS Malleable Iron and Cast Brass



Fig. 6117

	Dia. of Eye	Galv'd Iron Per Gross	Plain Brass Per Gross
2/0	3/8"	\$3.00	\$8.00

IMPROVED BOAT SNAPS Malleable Iron and Cast Brass



Fig. 6119

No.	Dia. of Eye	For Dia.	Stay	Galv'd Iron Per Doz.	Polished Brass Per Doz.
0	7" 16"	1/4"		\$1.25	\$4.00
2	3/8"	$\frac{5}{16}$ "		1.50	5.00
3	7/4"	1/8"		1.75	6.00
4	1 "	5/0"		2.50	7.00
5	11/8"	1"	- Name of the state of the stat	3.50	8.00
6	11/4"	11/8"		4.00	12.00

IMPROVED JIB SNAP HOOKS Malleable Iron and Cast Brass



Fig. 6121

No.	For Dia.	Stay	Galv'd Iron Per Doz.	Polished Brass Per Doz.
0	1/4"		\$1.25	\$4.00
2	3/8"		1.50	5.00
3	5/2"		2.50	7.00
5	7/8"			8.00
0	1 "		4.00	12.00

GAFF TOPSAIL HOOKS Coleman's Patent—Galvanized

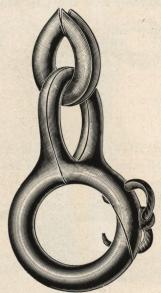


Fig. 6123

No.	Size	Each
4344	1/4"	\$.20
4345	5 "	25
4346	3/8".	20
4347	7 "	40
4348	1/2"	50
4349	$\frac{9}{16}''$	55
4350	5/8"	75
4351	11"	OF
4352	3/4"	1 15
4353	7/8"	1 40
4354	1 "	1 65

GAFF TOPSAIL HOOKS Henshaw's Patent—Galvanized

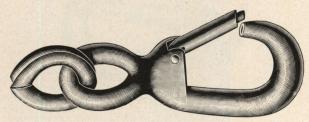


Fig. 6125

No.	Size		Each
4355	7"		\$.40
4356	1/2"		40
4357	5/011	• • • • • • • • • • • • • • • • • • • •	80
4358	3/11		90
4359	7/8"		1.00
	, 0		

WROUGHT IRON MATCH HOOKS AND THIMBLES

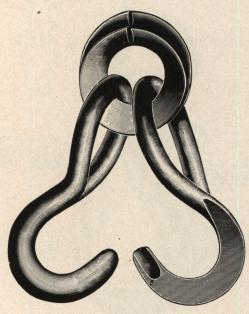


Fig. 6127

			Inside	701 1	
No.	Size	Length	Dia. of Eye	Black Each	Galvanized Each
4360	1/4"	$2\frac{5}{16}''$	11"		\$.21
4361	5"	25/8"	1977		.21
4362	3/8"	3 "		.20	
4363	7 "	35/8"			.21
4364	1/2"	3 15"			.22
4365	9"	41/8"			.23
4366	5/8"		11/8"		.24
4367		43/4"	$\frac{1.5}{16}''$.29
	3/4"	55/8"			.39
4368	7/8"	61/8"	15/8"	.52	.56
4369	1 "	$6\frac{3}{16}''$	13/4"	.56	.68
4370	11/8"	71/8"	1 15"	.69	.84
4371	11/4"	8 "	21/11	.94	1.15
4372	13/8"	83/4"	2	1.27	1.55
4373	11/2"	93/8"	2 - "	1.67	2.05
4374	15/8"	103/8"	21/4	1.94	
4375	13/4"	107/8"	244		2.36
4376	2 "	123/4"	27/	2.60	3.20
4377	21/4"	123/4"		3.78	4.62
4378	21/2"			4.88	5.97
1370	272	14 "	$3\frac{9}{16}''$	5.90	7.20

Furnished with Wire Rope Thimbles to order.

WROUGHT IRON HOOKS AND THIMBLES

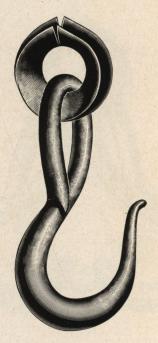


Fig. 6129

			Inside ·	Black	Galvanized
No.	Size	Length	Dia. of Eye	Each	Each
4379	1/4"	$2\frac{5}{16}''$	11" ·	\$.11	\$.12
4380	$\frac{5}{16}$ "	25/8"	3/4"	12	.13
4381	3/8"	23/4"	2/11	.13	.14
4382	7"	3 1 1 1		.14	.16
4383	1/2"	31/2"	10		.17
4384	9"	41/4"	1 0 11	.17	.19
4385	5/8"	51/4"	11/11	.19	.21
4386	3/4"	53/8"	1 7 11		.29
4387	7/8"	61/2"	1 = /		.37
4388	1 "	7 "	17/11		.56
4389	11/8"	71/2"	2 "		.67
4390	11/4"	81/2"	21/4	.66	.82
4391	13/8"	9 "	$2\frac{74}{16}$ "	0.2	1.16
4392	11/2"	10 "	$2\frac{16}{9}''$	1 24	1.55
4393	15/8"	101/2"	25/8"	1 7 1	1.88
4394	13/4"	113/4"	23/4"	2.00	2.50
4395	17/8"	121/4"	31/4"	2 10	3.00
4396	2 "	13 "	31/4"	2.02	3.65
4397	21/8"	133/4"	21/11	2 11	4.30
4398	21/4"	141/8"		2 77	4.71
4399	23/8"	16 "	3 ³ / ₈ "	F 02	6.28
4400	21/2"	161/8"	27/11	E 12	6.78
TTUU	4/2	10/8	7/8		0.70

Furnished with Wire Rope Thimbles to order.

SCREW D and ANCHOR SHACKLES

Wrought Iron

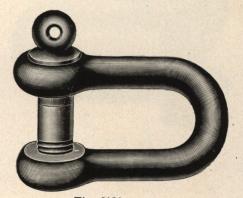


Fig. 6131 Screw D

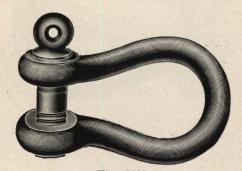


Fig. 6133 Screw Anchor

		Wi	idth Betw	reen	Galvanized	Blacked
No.	Size	Length Inside	Eyes	Dia. of Pin	Each	Each
4401	$\frac{3}{16}$ "	7/8"	3/8"	1/4"	\$.25	\$.23
4402	1/4"	1 "	$\frac{7}{16}$ "	5"		.23
4403	$\frac{5}{16}$ "	11/8"	1/2"	3/8"		.23
4404	3/8"	$1\frac{7}{16}$ "	5/8"	$\frac{7}{16}$ "		.25
4405	$\frac{7}{16}$ "	15/8"	11"	1/2"		.29
4406	1/2"	17/8"	3/4"	5/8"		.33
4407	5/8"	23/8"	1 "	3/4"		.41
4408	3/4"	27/8"	11/4"	7/8"		.46
4409	7/8"	31/4"	11/2"	1 "	.85	.68
4410	1 "	31/2"	15/8"	11/8"	1.20	.96
4411	11/8"	41/4"	17/8"	11/4"	1.60	1.25
4412	11/4"	41/2"	2 "	13/8"	2.27	1.78
4413	13/8"	5 "	23/8"	11/2"	2.60	2.08
4414	11/2"	6 "	21/2"	15/8"	3.25	2.60
4415	15/8"	61/2"	23/4"	13/4"	4.50	3.60
4416	13/4"	7 "	3 "	17/8"	6.00	4.80
4417	2 "	73/4"	31/2"	21/8"	9.25	7.55

ROUND PIN SHACKLES Wrought Iron

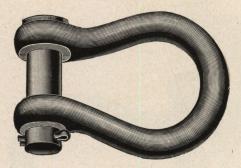


Fig. 6135 Anchor

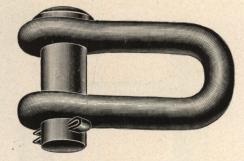


Fig. 6137 Chain

			Length	Width Between	Blacked	Galvanized
No.	Dia. of Iron	Dia. of Pin	Inside	Eyes	Each	Each
4418	1/4"	5 "	1 1 1 "	1/2"	\$.23	\$.25
4419	5 "	3/8"	11/4"	9 1 6 ···	.23	.25
4420	3/8"	7 "	13/8"	116"		.27
4421	$\frac{7}{16}$ "	1/2"	13/4"	116"	.29	.31
4422	1/2"	9 " 16"	17/8"	3/4"		.37
4423	5/8"	3/4"	23/8"	1 1 1	.41	.48
4424	3/4"	7/8"	23/4"	1 9-32"	.45	.55
4425	7/8"	1 "	33/8"	13/8"	.60	.75
4426	1 "	11/8"	33/4"	15/8"	.85	1.10
4427	11/8"	11/4"	43/8"	17/8"	1.10	1.45
4428	11/4"	13/8"	5 "	2 "	1.60	2.10
4429	13/8"	11/2"	51/4"	21/8"	1.90	2.40
4430	11/2"	15/8"	51/2"	21/4"	2.50	3.10
4431	15/8"	13/4"	61/2"	21/2"	3.40	4.30
4432	13/4"	2 "	7 "	23/4"	4.55	5.75
4433	2 "	21/4"	8 "	31/4"	7.30	9.00

OVAL PIN SHACKLES Wrought Iron

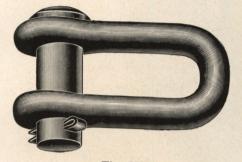


Fig. 6139

Chain

Fig. 6141

Anchor

		T (7	****			hain	Ar	chor
No.	Size	Length	Width B tween Ey	es Size Pin	Black Each	Galv'd Each	Black Each	Galv'd Each
4434	1/4"	13" 16"	3/8"	1/4" x 3/8"	\$.21	\$.23	\$.21	\$.23
4435	5 "	1 "	15/32	" $\frac{5}{16}$ " x $\frac{7}{16}$ "	.21	.23	.21	.23
4436	3/8"	1 7/32	$\frac{9}{16}$ "	3/8" x 1/2"	.23	.25	.23	.25
4437	$\frac{7}{16}$ "	$1\frac{7}{16}$ "	5/8"	$\frac{7}{16}'' \times \frac{9}{16}''$.28	.30	.28	.30
4438	1/2"	15/8"	3/4"	1/2" x 5/8"	.31	.35	.31	.35
4439	5/8"	2 "	1 "	5/8" x \frac{13}{16}"	.40	.46	.40	.46
4440	3/4"	$2\frac{7}{16}$ "	11/4"	3/4" x 1 "	.45	.54	.45	.54
4441	7/8"	23/4"	11/4"	7/8" x 11/8"	.55	.65	.61	.72
4442	1 "	31/8"	11/2"	1 "x 11/4"	.85	1.10	.92	1.17
4443	11/8"	31/2"	15/8"	11/8" x 13/8"	1.20	1.55	1.35	1.70
4444	11/4"	37/8"	13/4"	$1\frac{1}{4}$ " x $1\frac{9}{16}$ "	1.50	1.90	1.70	2.08
4445	13/8"	41/8"	17/8"	13/8" x 13/4"	1.75	2.25	2.25	2.70
4446	11/2"	45/8"	2 "	11/2" x 17/8"	2.50	3.00	2.70	3.35
4447	15/8"	47/8"	21/8"	15/8" x 2 "	2.75	3.45	3.50	4.40
4448	13/4"	51/4"	23/8"	13/4" x 21/4"	3.50	4.40	4.50	5.60
4449	2 "	61/4"	23/4"	2 "x 25/8"	5.40	6.55	6.25	8.80
4450	21/4"	71/8"	31/4"		.18	- Price P .22	er Lb. — .18	.22
4451	23/8"	75/8"	31/2"		.18	.22	.18	.22
4452	21/2"	81/8"	33/4"		.18	.22	.18	.22
4453	25/8"	83/8"	33/4"		.18	.22	.18	.22
4454	23/4"	85/8"	4 "		.18	.22	.18	.22

REVERSED SHACKLES FOR BLOCKS Wrought Iron

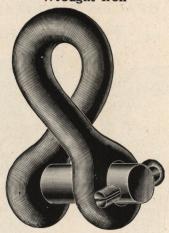


			Fig. 6143		
No.	Size Wi	dth Bet. Eye	es Dia. of Pin	Galv'd Doz.	Blacked Doz.
4455	3" 16"	3/8"	1/4"	\$6.00	\$5.50
4456	1/4"	7"	5 11	6.00	5.50
4457	5"	1/2"	2/11	6.00	5.50
4458	3/8"	5/011	7 11	6.50	6.00
4459	$\frac{7}{16}$ "	11"	1/11	7.50	7.00
4460	1/2"	3/4"	= 1	0.00	8.00
4461	5/8"	1 "	2/11	11 50	
	78		THE RESERVE AS A SECOND PROPERTY OF THE PARTY OF THE PART	11.50	10.00
4462	3/4"	11/4"	7/8"	13.50	11.00
4463	7/8"	11/2"	1 "	17.50	14.00
4464	1 "	15/8"	11/8"	26.00	20.00
4465	11/8"	17/8"	11/4"	40.00	32.00
4466	11/4"	2 "	13/8"	50.00	40.00
	77		• / 0		ce Per Lb.
4467	13/8"	23/8"	11/2"	.40	.32
4468	11/2"	21/2"	15/11		.32
4469	15/8"	23/4"	13/11	.40	.32
4470	13/4"	2 "	17/11		
	1/4	9 "	1 1/8"		.32
4471	2 "	31/2"	21/8"		.32
TL	CL 1-		1 1 . 1		(1

These Shackles are intended to be used on Blocks in place of regular Shackle, so that the Shackle will hang in the opposite way, i.e., the same way as the sheave in the Block.

SCREW HEART SHACKLES Galvanized Wrought Iron



			Fig. 6	5145				
No4472	4473	4474	4475	4476	4477	4478	4479	4480
Size Iron 1/4"	5" 16	3/8"	7"	1/2"	5/8"	3/4"	7/8"	1"
Size Iron 1/4" Price, each \$.50	\$.60	\$.75	\$.85	\$1.00	\$1.50	\$2.50	\$4.00	\$5.00

MALLEABLE IRON AND CAST BRASS SWIVELS

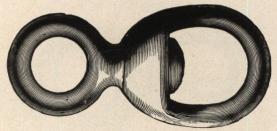


Fig. 6147

No.	Length	Galv'd Iron Per Doz.	Plain Brass Per Doz.
1	11/2"	\$.50	\$.75
2	2 "	.60	1.50
3	21/2"	.75	2.25
4	3 "	1.00	3.00
5	31/2"	1.25	4.00
6	5 "	1.50	5.00
7	6 "	3.50	10.00

SWIVELS Galvanized Drop Forged

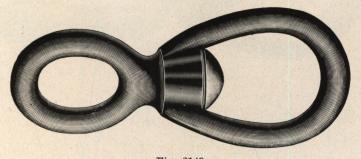


Fig. 6149

No.	Dia. of Iron	Length		Each
4481	3/8"	5 "		\$.40
4482	$\frac{7}{16}''$	51/2"		.45
4483	1/2"	6 "		.50
4484	5/8"	71/2"		.80
4485	3/4"	8 "		1.00
4486	7/8"	9 "		1.50
4487	1 "	101/2"	-	2.00
4488	11/8"	111/2"		3.25
4489	11/4"			

Time, each play play and play

BRASS SWIVELS Large Eyes

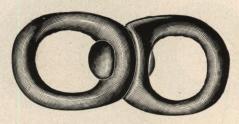


Fig. 6151

No. Dia. of E	re	Per Doz.
6 5/8"		\$4.20

SWIVELS With Shackle End—Drop Forged

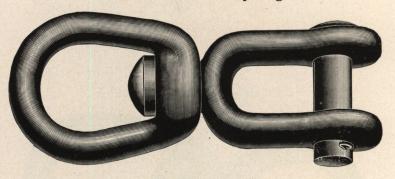


Fig. 6153

No.	Size of Swivel	Length	Width Be- tween Jaws	Size of Bow of Shackle	Galvanized Each
4490	1/4"	31/4"	1/2"	3/4" x 3/4"	\$.50
4491	5"	41/8"	1/2"	1 "x1 "	
4492	3/8"	41/2"	5/8"	11/4" x 1 "	.60
4493	1/2"	55/8"	3/4"	11/2" x 11/4"	
4494	5/8"	7 "	1 "	13/4" x 11/2"	1.20
4495	3/4"	8 "	11/8"	2 "x 13/4"	1.50
4496	7/8"	9 "	11/4"	21/4" x 2 "	2.25
4497	1 "	11 "	11/2"	21/2" x 21/2"	3.00
4498	11/8"	12 "	15/8"	23/4" x 21/2"	4.00
4499	11/4"	131/2"	13/4"	3 "x 23/4"	

WIRE SCREW EYES Galvanized and Brass

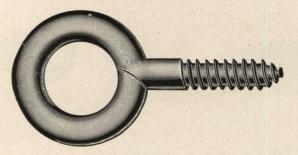


Fig. 6155

No.	Galvanized Per Gross	No.	Per Gross Brass
0	\$16.00	1000	\$70.00
1		1001	57.50
3	9.00	1003	37.00
.5	5.80	1005	26.00
7	3.80	1007	
9	2.80	1009	
10	2.50	1010	9.00
12	1.70	1012	····· 5.50
14	1.50	1014	3,50
104	7.00	1104	30.00
105	5.80	1105	26.00
106	4.50	1106	
108	3.30	1108	
110	2.50	1110	9.00
112	1.70	1112	5.50
114	1.50	1114	
204	7.00	1204	30.00
205	5.80	1205	26.00
206	4.50	1206	
208	3.30	1208	
209	2.80	1209	
210	2.50	1210	9.00
212	1.70	1212	····· 5.50
214	1.50	1214	3.50
216	1.50	1216	

LACING EYES

Malleable Iron and Cast Brass

Regular



With Shoulder



Fig. 6157

Fig. 6159

No.	Dia. of Eye	Length under Eye	Galv'd Iron Per Doz.	Plain Brass Per Doz.
1 2	5" 16"	1 "	\$.20	\$.50
3	1/2"	11/2"		1.00
4	5/8"	2 "	.80	1.50

RUDDER GUDGEONS

Malleable Iron and Cast Brass



Fig. 6161

		Galvanized	Plain Brass
No	0.	Each	Each
0		\$.04	\$.10
1			.14
2			.16
3			.23
4			.30
5		.19	.38
6		.23	.58

CAST BRASS EYE BOLTS

Dipped—Light Pattern



Fig. 6163

	Diameter	
No.	of Eye	Per Doz.
0	3/8"	\$1.20
10	1/2"	1 44
20	5/8"	1.56
30	3/4"	2.04

CAST BRASS EYE BOLTS Dipped—Heavy Pattern

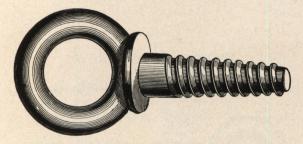


Fig. 6165

No.	Diameter of Eye	Per Doz.
40	1/2"	\$2.40
60	5/8" 3/4"	3.48
70	1 "	6.00

CAST BRASS EYE BOLTS Polished

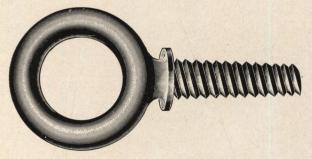


Fig. 6167

No.	Diameter of Eye	Length under Eye	Per Doz.
1	1/2"	1 "	\$2.64
2	5/8"	11/4"	3.12
3	3/4"		3.84
4	7/8"		4.80
5	1 "		5.40
6	11/8"		6.00
7	11/4"	2 "	7.80
300	3/4"	3 "	12.60
400	7/8"	31/4"	15.00

EYE BOLTS TO SCREW

Wrought Iron—Drop Forged—Galvanized

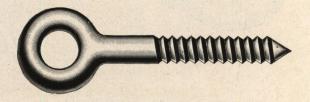


Fig. 6169

No.	Size	Length under Eye	Inside Dia. of Eye	Per Doz.	For Each Additional Inch or Fraction Add to List Per Doz.
4500	1/4"	2 "	1/2"	\$1.20	\$.20
4501	5 "	21/4"	5/8"	1.40	.25
4502	3/8"	21/2"	3/4"	1.60	.25
4503	$\frac{7}{16}''$	23/4"	7/8"	2.00	.27
4504	1/2"	31/4"	1 "	2.40	.27
4505	5/8"	4 "	11/4"	3.20	.35
4506	3/4"	41/2"	11/2"	5.80	.50
4507	7/8"	5 "	13/4"	8.50	.60
4508	1 "	6 "	2 "	10.00	.70
4509	11/8"	7 "	21/4"	13.00	.80
4510	11/4"	8 "	21/2"	18.00	.90
4511	11/2"	9 ".	3 "	26.00	1.00

For Each Additional

EYE BOLTS TO RIVET

Wrought Iron—Drop Forged—Galvanized

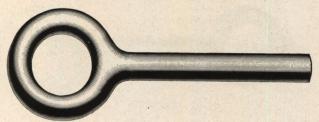


Fig. 6171

No.	Size		ngth er Eye	Inside I of Ey		Inch or Fraction Add to List Per Doz.
4512	1/4"	4	"	1/2"	\$1.20	\$.20
4513	5''	41/	4"	5/8"	1.40	.25
4514	3/8"	41/	2"	3/4"	1.60	.25
4515	7 "	43/	4"	7/8"	2.00	.27
4516	1/2"	51/	4"	1 "	2.40	.27
4517	5/8"	51/	2"	11/4"	3.20	.35
4518	3/4"	6	"	11/2"	5.80	.50
4519	7/8"	7	"	13/4"	8.50	.60
4520	1 "	8	"	2 "	10.00	.70
4521	11/8"	9	"	21/4"	13.00	.80
4522	11/4"	10	" .	21/2"	18.00	.90
4523	11/2"	11	"	3 "	26.00	1.00

EYE BOLTS WITH NUTS

Wrought Iron—Drop Forged—Galvanized



Fig. 6173

Regular Lengths

Extra Lengths

No.	Size	Length under Eye	Inside Dia	Per Doz.	Length under Eye	Per Doz.	For Each Additional Inch or Fraction Add to List Per Doz.
4524	1/4"	2 "	1/2"	\$1.40	4 "	\$1.80	\$.20
4525	5 "	21/4"	5/8"	1.60	41/4"	2.10	.25
4526	3/8"	21/2"	3/4"	1.80	41/2"	2.30	.25
4527	77"	23/4"	7/8"	2.30	43/4"	2.85	.27
4528	1/2"	31/4"	1 "	2.60	51/4"	3.15	.27
4529	5/8"	4 "	11/4"	3.60	53/4"	4.30	.35
4530	3/4"	41/2"	11/2"	6.20	61/2"	7.25	.50
4531	7/8"	5 "	13/4"	9.00	8 "	10.75	.60
4532	1 "	6 "	2 "	12.00	9 "	14.00	.70
4533	11/8"	7 "	21/4"	15.00	10 "	17.70	.80
4534	11/4"	8 "	21/2"	20.00	11 "	23.50	.90
4535	11/2"	9 "	3 "	28.00	12 "	33.00	1.00

SHOULDER EYE BOLTS TO RIVET

Drop Forged—Galvanized



Fig. 6175

No.	Size	Length unde Shoulder	r Inside D	via. Per Doz.	For Each Additional Inch or Fraction Add to List
4536	1/4"	4 "	3/8"	\$1.30	\$.20
4537	5" 16"	41/4"	7 "	1.55	.25
4538	3/8"	41/2"	1/2"	1.75	.25
4539	$\frac{7}{16}$ "	43/4"	5/8"	2.20	.27
4540	1/2"	51/4"	5/8"	2.65	.27
4541	5/8"	51/2"	7/8"	3.50	.35
4542	3/4"	6 "	1 1 1 "	6.40	.50
4543	7/8"	7 "	11/4"	9.35	.60
4544	1 "	8 "	$1\frac{7}{16}$ "	11.00	.70
4545	11/8"	9 "	13/4"	14.30	.90
4546	11/4"	10 "	2 "	19.80	1.15
				17.00	1.15

SHOULDER EYE BOLTS TO SCREW

Drop Forged—Galvanized

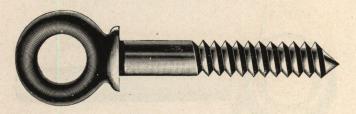


Fig. 6177

No.	Size	Length under Shoulder	Inside Di	a. Per Doz.	For Each Additional Inch or Fraction Add to List
4547	1/4"	2 "	3/8"	\$1.30	\$.20
4548	5 "	21/4"	$\frac{7}{16}$ "	1.55	.25
4549	3/8"	21/2"	1/2"	1.75	.25
4550	7 7 7	23/4"	5/8"	2.20	.27
4551	1/2"	31/4"	5/8"	2.65	.27
4552	5/8"	4 "	7/8"	3.50	.35
4553	3/4"	41/2"	1 1 1 "	6.40	.50
4554	7/8"	5 "	11/4"	9.35	.60
4555	1 "	6 "	1 7 7 7	11.00	.70
4556	11/8"	7 "	13/4"	14.30	.90
4557	11/4"	8 "	2 "	19,80	1.15

SHOULDER NUT EYE BOLTS Drop Forged—Galvanized

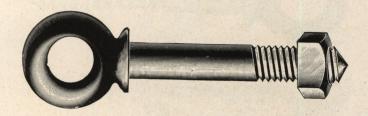


Fig. 6179

	Regular Lengths				Extra Lengths		
No.	Size	Length under Should	Inside Dia	a. Per Doz.	Length under Shoulde	Per r Doz.	For Each Additional Inch or Fraction Add to List
4558	1/4"	2 "	3/8"	\$1.55	4 "	\$2.00	\$.20
4559	5 "	21/4"	716"	1.75	41/4"	2.30	.25
4560	3/8"	21/2"	1/2"	2.00	41/2"	2.55	.25
4561	716"	23/4"	5/8"	2.50	43/4"	3.15	.27
4562	1/2"	31/4"	5/8"	2.85	51/4"	3.45	.27
4563	5/8"	4 "	7/8"	3.95	51/2"	4.75	.35
4564	3/4"	41/2"	1 1 1 "	6.80	61/2"	8.00	.50
4565	7/8"	5 "	11/4"	9.90	8 "	11.80	.60
4566	1 "	6 "	1 7 "	13.20	9 "	15.40	.70
4567	11/8"	7 "	13/4"	16.50	11 "	19.45	.90
4568	11/4"	8 "	2 "	22.00	12 "	25.85	1.15

CAST BRASS SHOULDER EYE BOLTS Polished

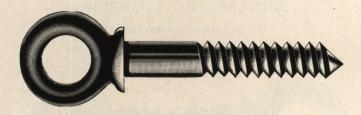


Fig. 6181

No.	Dia. of Shank	Length under Shoulder	Inside D of Eye	Per Doz.
1	1/4"	2 "	3/8"	\$3.60
2	5"	21/4"	7"	4.20
3	3/8"	21/2"	1/2"	4.80
4	7 "	23/4"	5/8"	6.00
5	1/2"	31/2"		9.00
6	5/8"	4 "		12.00

BRASS SHOULDER EYE BOLTS WITH NUTS Polished



Fig. 6183

No.	Dia. of Shank	Length under Shoulder	Inside Dia. of Eye	Per Doz.
1	1/4"	2 "	3/8"	\$3.60
2	5"	21/4"	7"	4.20
3	3/8"	21/2"	1/2"	4.80
4	7 "	23/4"		6.00
5	1/2"	31/2"	3/4"	9.00
6	5/8"	4 "		12.00

RING BOLTS TO RIVET Wrought Iron—Drop Forged Galvanized

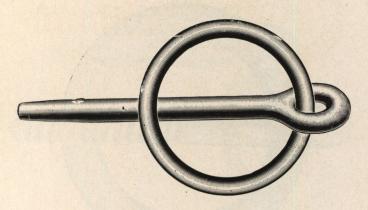


Fig. 6185

No.	Size	Length under the Eye		For Each Additional Inch or Fraction Per Doz. Add to List
4573	1/4"	4 "	13/4"	\$1.60 \$.20
4574	5 "	41/4"	2 "	2.40 .25
4575	3/8"	41/2"	2 "	2.80 .25
4576	7 7 7	43/4"	21/4"	3.20 .27
4577	1/2"	51/4"	21/2"	3.60 .27
4578	5/8"	51/2"	23/4"	5.50 .35
4579	3/4"	6 "	3 "	8.50 .50
4580	7/8"	7 "	31/4"	.60
4581	1 "	8 "	33/4"	.70
4582	11/8"	10 "	41/2"	.90
4583	11/4"	11 "	5 "	38.50

Larger sizes and extra lengths furnished to order.

RING BOLTS TO SCREW Wrought Iron—Drop Forged Galvanized

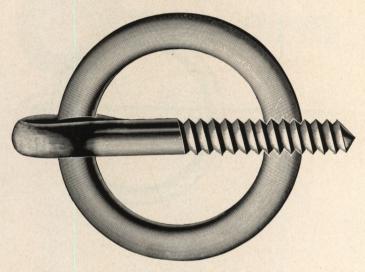


Fig. 6187

No.	Size	Length under the Eye	Inside Dia. of of Ring	. Per Doz.	For Each additional Inch or Fraction Add to List
4584	1/4"	2 "	13/4"	\$1.60	\$.20
4585	5" 16"	21/4"	2 "	2.40	.25
4586	3/8"	21/2"	2 "	2.80	.25
4587	7 "	23/4"	21/4"	3.20	.27
4588	1/2"	31/4"	21/2"	3.60	.27
4589	5/8"	4 "	23/4"	5.50	.35
4590	3/4"	41/2"	3 "	8.50	.50
4591	7/8"	5 "	31/4"	13.00	.60
4592	1 "	6 "	33/4"	19.00	.70
4593	11/8"	7 "	41/4"	27.00	.90
4594	11/4"	8 "	5 "	38.00	1.15

Larger sizes and extra lengths furnished to order.

RING BOLTS WITH NUTS Wrought Iron—Drop Forged Galvanized

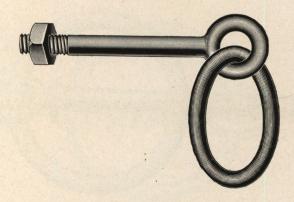


Fig. 6189

	Regular Lengths			Extra Lengths			
No.	Size	Length under Eye	Inside Dia. of Ring	Per Doz.	Length under Eye		For Each Additional Inch or Fraction Add to List
4595	1/4"	2 "	13/4"	\$2.00	4 "	\$2.20	\$.20
4596	5" 16"	21/4"	2 "	2.60	41/4"	2.90	.25
4597	3/8"	21/2"	2 "	3.00	41/2"	3.30	.25
4598	716"	23/4"	21/4"	3.50	43/4"	3.90	.27
4599	1/2"	31/4"	21/2"	3.80	51/4"	4.20	.27
4600	5/8"	4 "	23/4"	6.00	6 "	6.60	.35
4601	3/4"	41/2"	3 "	9.50	61/2"	10.50	.50
4602	7/8"	5 "	31/4"	14.00	8 "	15.50	.60
4603	1 "	6 "	33/4"	20.00	9 "	22.00	.70
4604	11/8"	7 "	41/2"	28.50	10 "	31.20	.90
4605	11/4"	8 "	5 "	40.00	11 "	43.50	1.15

1.15

Larger sizes and extra lengths furnished to order.

SHOULDER RING BOLTS TO RIVET

Wrought Iron—Drop Forged Galvanized

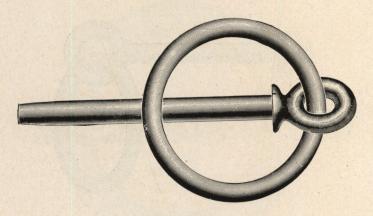


Fig. 6191

No.	Size	Length under Eye	Inside Dia.		For Each Additional Inch or Fraction Add to List
4606	1/4"	4 "	11/2"	\$1.75	\$.20
4607	5 "	41/4"	13/4"	2.65	.25
4608	3/8"	41/2"	2 "	3.10	.25
4609	$\frac{7}{16}''$	43/4"	2 "	3.50	.27
4610	1/2"	51/4"	21/4"	3.95	.27
4611	5/8"	51/2"	21/2"	6.05	.35
4612	3/4"	6 "	23/4"	9.35	.50
4613	7/8"	7 "	3 "	14.30	.60
4614	1 "	8 "	31/4"	20.90	.70
4615	11/8"	10 "	33/4"	30.25	.90
4616	11/4"	11 "	41/2"	42.35	1.15

SHOULDER SCREW RING BOLTS Wrought Iron—Drop Forged Galvanized

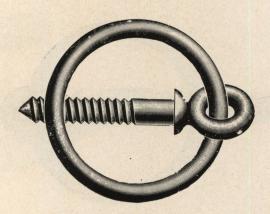


Fig. 6193

No.	Size	Length under Eye	Inside Dia of Ring	Per Doz.	For Each Additional Inch or Fraction Add to List
4617	1/4".	2 "	11/2"	\$1.75	\$.20
4618	5 " ·	21/4"	13/4"	2.65	.25
4619	3/8"	21/2"	2 "	3.10	.25
4620	7 7 7	23/4"	2 "	3.50	.27
4621	1/2"	31/4"	21/4"	3.95	.27
4622	5/8"	4 "	21/2"	6.05	.35
4623	3/4"	41/2"	23/4"	9.35	.50
4624	7/8"	5 "	3 "	14.30	.60
4625	1 "	6 "	31/4"	20.90	.70
4626	11/8"	7 "	33/4"	29.70	.90
4627	11/4"	8 "	41/2"	41.80	1.15

SHOULDER NUT RING BOLTS Wrought Iron—Drop Forged Galvanized

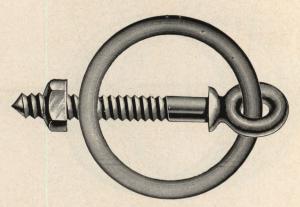


Fig. 6195

Regular Lengths

Extra Lengths

No.	Size	Length under Eye	Inside Dia. of Ring	Per Doz.	Length under Eye	Per Doz.	For Each Additional Inch or Fraction Add to List
4628	1/4"	2 "	11/2"	\$2.20	4 "	\$2.40	\$.20
4629	5" 16"	21/4"	13/4"	2.85	41/4"	3.20	.25
4630	3/8"	21/2"	2 "	3.30	41/2"	3.65	.25
4631	7 " 16"	23/4"	2 "	3.85	43/4"	4.30	.27
4632	1/2"	31/4"	21/4"	4.20	51/4"	4.60	.27
4633	5/8"	4 "	21/2"	6.60	6 "	7.25	.35
4634	3/4"	41/2"	23/4"	10.45	61/2"	11.55	.50
4635	7/8"	5 "	3 "	15.40	8 "	17.05	.60
4636	1 "	6 "	31/4"	22.00	9 "	24.20	.70
4637	11/8"	7 "	33/4"	31.35	10 "	34.30	.90
4638	11/4"	8 "	41/2"	44.00	11 "	47.85	1.15

SCREW HOOKS

Wrought Iron—Galvanized

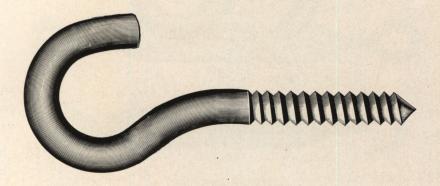


Fig. 6197

No.	Size E	xtreme Length	Per Doz.
4639	1/4"	4 "	\$.80
4640	5 "	41/4"	.90
4641	3/8"	43/4"	1.00
4642	$\frac{7}{16}$ "	51/4"	1.40
4643	1/2"	57/8"	1.80
4644	9 " 16"	57/8"	2.30
4645	5/8"	61/4"	2.60
4646	3/4"	71/4"	4.20
4647	7/8"	81/8"	6.00
4648	1 "	81/2"	9.00

WROUGHT IRON S HOOKS Galvanized

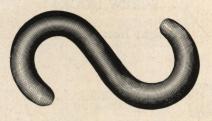


Fig. 6199

No.	Size	Per Gross
4649	11/2"	\$6.00
4650	13/4"	7.25
4651	2 "	8.75
4652	21/4"	9.50
4653	21/2"	12.00
4654	3 "	
4655	31/2"	

GARDEN EYES Galvanized

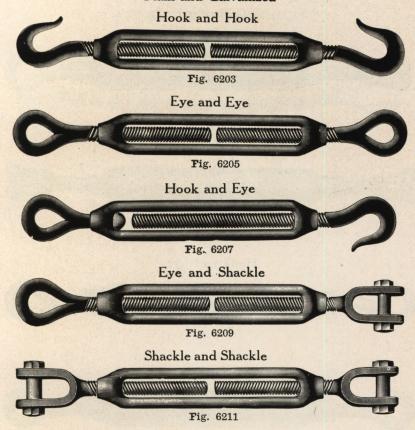




Fig. 6201

No.	Si	ze	Per Gross
4656	2	"	\$7.00
4657	21/	2"	8.00
4658	3	"	9.00
4659	4	"	15.00
4660	5	"	18.00
4661	6	"	21.00
4662	8	"	28.00
4663	10	"	33.00
4664	12	"	38.00

WROUGHT IRON OPEN TURNBUCKLES Plain and Galvanized



		Len	gth		
	Diameter	in Cl	ear	Plain	Galvanized
No.	Screw	between	He	ads Each	Each
4665	3"	31/2	"	\$.70	\$.80
4666	1/4"	4	"	75	.85
4667	5"	41/4	"	9.0	
	16.				.90
4668	3/8"	43/2	+"	.95	1.10
4669	7 "	5	"	1.05	1.25
4670	1/2"	6	"		1.50
4671	9"	6	"		1.85
4672	5/8"	6	"	1.75	2.20
4673	3/4"	9	"		3.25
4674	7/8"	10	"	3.60	4.25
4675	1 "	111/4	"		5.50
4676	11/8"	121/4	"	5.50	6.75
4677	11/4"	131/4	"	6.75	8.25
4678	13/8"	141/2	"	7.75	9.75
4679	11/2"		"	9.50	12.00
4680	15/8"	16	"	13.00	15.00
4681	13/4"	18	"	17.00	20.00
4682	17/8"	18	"	22.00	25.00
4683	2 "	24	"	25.00	28.00

WROUGHT IRON PIPE TURNBUCKLES

Galvanized

Shackle and Eye



Fig. 6213

Shackle and Shackle



Fig. 6215

Hook and Eye



Fig. 6217

Eye and Eye



Fig. 6219

	Diameter	Length	
No.	Thread	of Pipe	Each
4684	1/4"	51/2"	\$1,00
4685	5"	53/4"	1.10
4686	3/8"	61/2"	1,30
4687	7"	7 "	1.50
4688	1/2"	8 "	1.80
4689	9"	91/4"	2.10
4690	5/8"	103/4"	2.40
4691	3/4"	12 "	3.50
4692	7/8"	13 "	4.25
4693	1"	15 "	5.50
4694	11/8"	16 "	7.00
4695	11/4"	16 "	8.25
4696	13/8"	16 "	10.00
4697	11/2"	18 "	12.00
4698	15/8"	18 "	15.00
4699	13/4"	18 "	20.00
4700	2"	18 "	28.00
			20.00

CAST BRONZE TURNBUCKLES

Polished



Fig. 6221

No. Di	a. of Screv	v Length of	Sleeve	Each
4701	1/4"	4 "		\$2.00
4702	5 "	41/2"		2.00
4703	3/8"			
4704	1/2"			3.00
4705	5/8"	8 "		3.50
4706	3/4"	13 "		4.50

Shackle and Shackle or Eye and Eye, can be furnished to order.

IRON SHACKLE AND SOCKET TURNBUCKLE

Galvanized



Fig. 6223

No.	Size	Each
4707	<u>5</u> "	\$2.50
4708	3/8"	
4709	1/2"	
4710	5/8"	
4711	3/4"	
4712	7/8"	

WROUGHT IRON TURNBUCKLES Plain



Fig. 6225



***	-	
Fig.	6	227

	Diam.	INSIDE OPENING B									
No.	Screw A	3"	6''	9"	12"	15"	18"	24"	36"	48"	72''
4713	1/4	.36									
4714	5/16	.38	40								
4716	3/8 7/16	.42	42					/			
4717	1/2	. 45	. 45	.56	. 68	.90					
4718	9/16	. 48	.48	.60	.72	.96					
4719 4720	5/8 3/4	. 50	.50	.63	.75	1.00	1.25	1.75			
4721	7/8	.75	.75	.94	1.13	1.26	1.88	2.20 2.62			
4722	1	. 88	. 88	1.10	1.32	1.76	2.20	3.08	3.52		
4723	11/8	1.00	1.00	1.25	1.50	2.00	2.50	3.50	4.00	6.00	8.00
4724 4725	13/8	1.25	1.25	1.56	1.88	2.50	3.13	4.37	5.00 5.52	7.50	10.00
4726	11/2		1.50	1.88	2.25	3.00	3.75	5.25	6.00	9.00	11.04
4727	15/8		1.75	2.19	2.63	3.50	4.38	6.12	7.00	10.50	14.00
4728	13/4		2.00	2.50	3.00	4.00	5.00	7.00	8.00	12.00	16.00
4729 4730	17/8		2.25 2.65	2.81	3.38	4.50	5.63	7.87	9.00	13.50	18.00
4731	21/4		3.50	4.38	5.25	5.30 7.00	8.75	9.27	10.60	15.90 21.00	21.20 28.00
4732	21/2		4.50	5.63	6.75	9.00	11.25	15.75	18.00	27.00	36.00

Above list applies to turnbuckles either with or without stubs.

IRON TURNBUCKLES Galvanized



No. Size 4733 5"	Length of Sleeve 5 "	Fig. 6229	Each \$1.25
4734 3/8"	6 "		1.50
4735 75"	7 "		1.75
4736 1/2"	81/4"		2.00
$4737 \frac{9}{16}$ "	93/4"		2.25
4738 5/8"	103/4"		2.75
4739 3/4"	12 "		4.00
4740 7/8"	121/2"		4.75

RATCHET PULLING AND PUSHING JACK

Improved—Double-Acting
Patented Spring Clutch Pawl

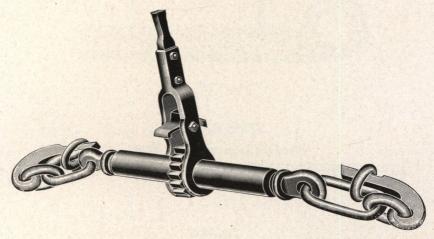


Fig. 6231

Diameter of Screw 13/8" Capacity Seven Tons

No.	Length of Barrel	Overall Leng When Close	gth ed Draw	Weight Each	Price Each
P-1	18"	39"	16"	40 lbs	\$14.00
P-2	24"	45"	22"	42 lbs.	
P-3	30"	51"	28"	45 lbs	16.00
P-4	36"	57"	34"	48 lbs	19.00
		Diameter	of Scre	w 13/4" Capacity Fifteen	Tons
P-5	24"	56"	22"	70 lbs	32.00
P-6	30"	62"	28"	75 lbs	34.00
P-7	36"	68"	34"	80 lbs.	36.00
P-8	48"	74"	36"	90 lbs.	42.00

This style of Jack is especially designed for the use of Contractors, Ship-builders and Construction men engaged in all kinds of Ship and Building Construction, Bridge Building, Railroad Construction work, Coffer-dam and all kinds of Concrete work requiring extensive falsework or framing.

This Jack is fitted with a patented spring clutch arrangement which holds the pawl or dog firmly to the ratchet wheel, thus enabling the operator to use both hands for pulling purposes, and at the same time locking the Jack, making it safe at all times. This Jack may be reversed or changed so that it will push instead of pull or vice versa by pressing down on the high side of the pawl.

4741

WROUGHT IRON STERN BANDS

Galvanized



No.

Each ...\$.25

STEM BANDS

Wrought Iron and Cast Brass



Fig. 6235 Galvanized Polished No. Size Iron Brass Each Each 3/8" x 42" 1/2" x 52" 5/8" x 56" \$1.25 4742 \$.80 1.85 4743 3.25 4744

BOB-STAY SHACKLES Wrought Iron and Cast Brass



Fig. 6237

No. 4745	Size of Iron in Eye 3/8"		Length of Strap	Galvanized Iron Each \$.35	Polished Brass Each \$.65
4746	78 7"	4"	3 "	40	75
4747	1/2"	5"	31/2"	.50	1.00
4748	5/8"	6"	4"		1.25
4749	3/4"	7"	41/2"		1.50
4750	3/4"	8"	5 "	.90	1.75
4751	7/8"	9"	51/2"	1.00	2.00

WROUGHT IRON FOOT ROPE PLATES

Galvanized



Fig. 6239

No.	Length	Size of Iron	Size of Eye	Each
4752	3"	$\frac{3}{4}'' \times \frac{3}{16}''$	1/2"	\$.25
4753	4"	3/4" x 3"	5/8"	30
4754	5"	7/8" x 1/4"	3/4"	.35
4755	6"	1 "x 1/4"	7/"	40
4756	8"	11/4" x 1/4"	1 "	50
4757	10"	11/2" x 1/4"	11/8"	.60
4758	12"	15/8" x 5"	11/4"	
4759	14"	13/4" x 5"	13/8"	.90
4760	16"	13/4" x 3/8"	11/2"	

WROUGHT IRON CHAIN PLATES Galvanized



Fig. 6241

No.	Length	Size of Iron	Each
4761	4"	$\frac{3}{4}$ " x $\frac{3}{16}$ "	\$.30
4762	5"	$\frac{7}{8}'' \times \frac{3}{16}''$	
4763	6"	1 " $x \frac{3}{16}$ "	.38
4764	8"	$1\frac{1}{8}$ " x $\frac{3}{16}$ "	40
4765	10"	11/4" x 1/4"	50
4766	12"	11/4" x1/4"	60
4767	14"	$1\frac{1}{2}$ " x $\frac{5}{16}$ "	70
4768	16"	$1\frac{1}{2}$ " x $\frac{5}{16}$ "	80
4769	18"	$15/8'' \times \frac{5}{16}''$	1.00
4770	20"	13/4" x 3/8"	1.50

WROUGHT IRON WITHES

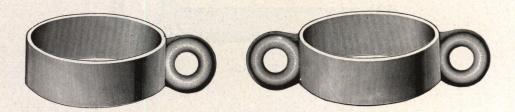


Fig. 6243

Fig. 6245

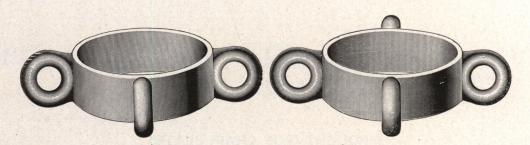


Fig. 6247

Fig. 6249

No.	Inside Diameter	One Eye Each	Two Eyes Each	Three Eyes Each	Four Eyes Each
4771	11/4"	\$.60	\$.85	\$1.00	\$1.35
4772	11/2"	.60	.85	1.00	1.35
4773	13/4"		.90	1.10	1.40
4774	2 "		.90	1.10	1.40
4775	21/2"		.95	1.15	1.45
4776	23/4"		.95	1.15	1.45
4777	2 "		1.00	1.20	1.50
4778	31/2"	.80	1.10	1.30	1.55
4779	33/4"		1.15	1.35	1.60
4780	4 "		1.20	1.40	1.65
4781	41/2"	1.05	1.30	1.50	1.75
4782	5 "	1.15	1.40	1.65	1.85
4783	51/2"	1.30	1.50	1.75	2.00
4784	6 "	1.40	1.65	1.85	2.10
4785	7 "	3.90	5.40	7.00	8.50
4786	8 "	4.10	5.80	7.20	9.00

WROUGHT IRON MAST BANDS

Galvanized



Fig. 6251

No.	Inside Diameter	Each	No. I	Inside Diamete	er Each
4787	11/4"	\$.40	4795	41/3"	 \$.75
4788	11/2"	45	4796	5 "	80
4789	13/4"	45	4797	6 "	.85
4790	2 "		4798	7 "	.90
4791	21/2"	55	4799	71/2"	1.00
4792	3 "		4800	8 "	1.10
4793	31/2"		4801	9 "	1.25
4794	4 "		4802	10 "	1.50

WROUGHT IRON ADJUSTABLE GAFF BANDS

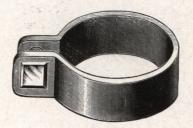


Fig. 6253

No.	Inside Diameter	Each	No. I	nside Diameter	Each
4803	11/2"	\$.60	4812	33/4"	\$.95
4804	13/4"	.60	4813	4 "	95
4805	2 "	.65	4814	41/2"	1.05
4806	21/4"		4815	5 "	1.20
4807	21/2"		4816	51/2"	1.40
4808	23/4"	.70	4817	6 "	1.50
4809	3 "	.80	4818-	61/2"	1.75
4810	31/4"		4819	7'"	2.00
4811	31/2"		4820	71/2"	2.25
			4821	8 "	2.50

WROUGHT IRON BOOM TRAVELERS

Galvanized



Fig. 6255

No.	Inside Diame	ter	Each
4822	13/4"		\$.70
4823	2 "		.80
4824	21/2"		.95
4825	23/4"		1.05
4826	3 "		1.10
4827	31/2"		1.25
4828	4 "		1.50
4829	41/2"		1.60
4830	5 "		1.75
4831	6 "		2.00
4832	61/2"		2.25

WROUGHT IRON ADJUSTABLE BOOM TRAVELERS

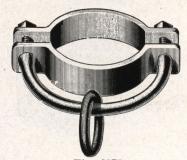
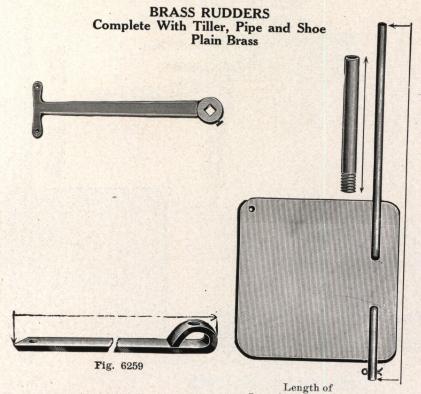


Fig. 6257

No.	Inside Diameter	Each
4833	21/2"	\$1.75
4834	2, 2,	2.00
4835	31/2"	2.15
4836		2.25
4837	41/2"	2.50
4838	5 "	2.75
4839	51/2"	3.00
4840	6 "	3.25
4841	61/2"	3.50
4842	7	4.00
4843	8 "	5.00



No. For Launch 1 12'x18'	Size of Plate	Size of Skag of Tiller Post of Pipe	Each
2 19'x25'	13"x13"x1/8" 15"x15"x1/8"	26"x1 ³ / ₄ "x ³ / ₈ " 10" 36" 12" 30"x1 ³ / ₄ "x ¹ / ₂ " 12" 38" 15"	\$11.60 14.75
3 26'x40'	$17''$ x $17''$ x $\frac{3}{16}''$	36"x2 "x ⁵ / ₈ " 15" 44" 18"	17.50

TILLERS Wrought Iron and Cast Brass



			Fig. 6261	Galvanized	Polished
No.	Length	Size of Hole		Iron	Brass
1	10"			Each	Each
2	12"	$\frac{9}{16}'' \times \frac{9}{16}'' \dots$		\$.75	\$2.10
2	14	3/4" x 3/4"		1.10	2.50
3	15"	7/8" x 7/8"		2.65	5.30

WROUGHT IRON RUDDER SHOES Galvanized

No.	24" x 1½" x 3/8	Fig. 6263	
1	2011 12/11		

0		ze	Fig. 6263	Each
1	24" x 11/	2" x 3/8"		\$1.50
2	30" x 13/ 42" x 2	4" X 1/2"		2.00
-	72 X Z	x 3/8"		2.50

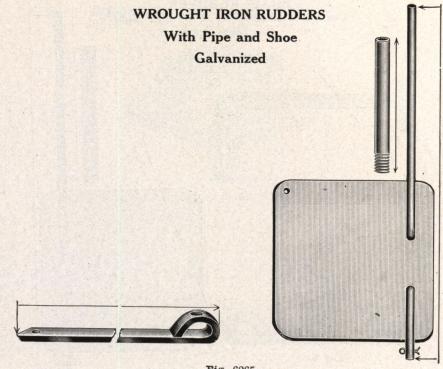


Fig. 6265

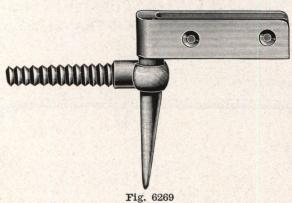
No.	Size of Plate	Size of Shoe Leng	th of Rudder Post	Each
0	12" x 12"	24" x 11/2" x 3/8"	36"	\$6.00
1	14" x 14"	30" x 13/4" x 1/2"	36"	7.00
2	16" x 16"	42" x 2 " x 5/8"	42"	9.00
	Other size Rue	dders furnished to orde	ar	

TILLER QUADRANTS Iron and Cast Brass



No. 0	Radius 7"	Size of Square Hole Adjustable 16" to 3/4"	Fig. 6267	Galvanized Cast Iron Each	Galvanized Malleable Iron Each	Polished Brass Each \$4.25
1	10"	$\frac{9}{16}$ " to 1 "			\$2.30	6.00
2	12"	3/4" to 11/4"			3.25	8.00
3	15"	7/8" to 11/4"			5.60	10.00
4	18"	1 " to 13/8"	***************************************		6.50	15.00
5	24"	11/4" to 13/4"			19.50	

SCREW RUDDER BRACES Malleable Iron and Brass



Size	Galv. Iron	Plain Brass
No. Between Straps	Per Set	Per Set
0 1/2"	\$.20	\$.50
1 5/8"	.36	.70
2 3/4"		.82
3 7/8"		1.10
4 11/8"	.80	1.50
5 11/4"		1.75
6 1½"	1.10	2.85

STRAP RUDDER BRACES Malleable Iron and Brass

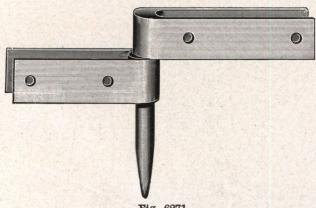


		Fig. 6271		
	Size	Galv. Iron	Plain Brass	Pol. Brass
No.	Between Straps	Per Set	Per Set	Per Set
000	1/2"	\$.26	\$.60	\$.88
00	5/8"		.75	1.05
0	3/4"		1.10	1.40
1	7/8"		1.65	1.95
2	1 "		2.15	2.75
3	11/4"	1.15	2.40	3.00
4	11/2"	1.65	4.50	5.15
5	13/4"	2.10		
6	2 "	2.80		
7	21/11	2 25		

WROUGHT IRON DECK TRAVELERS

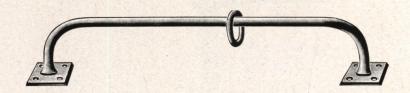


Fig. 6273

	Dia.	Between Deck		
No.	of Iron	and Traveler	Length	Each
4844	3/8"	1 "	10"	\$.70
4845	3/8"	1 ."	12"	.75
4846	3/8"	1 "	15"	.75
4847	3/8"	1 "	18"	.80
4848	3/8"	1 "	24"	.90
4849	1/2"	11/4"	12"	.90
4850	1/2"	11/4"	15"	.90
4851	1/2"	11/4"	18"	1.00
4852	1/2"	11/4"	24"	1.00
4853	1/2"	11/4"	30"	1.15
4854	5/8"	11/2"	18"	1.15
4855	5/8"	11/2"	24"	1.30
4856	5/8"	11/2"	30"	1.50
4857	5/8"	11/2"	36"	1.75
4858	3/4"	13/4"	24"	1.50
4859	3/4"	13/4"	30"	1.75
4860	3/4"	13/4"	36"	2.00
4861	3/4"	13/4"	42"	2.25
4862	3/4"	13/4"	48"	2.50

WROUGHT IRON DECK TRAVELERS

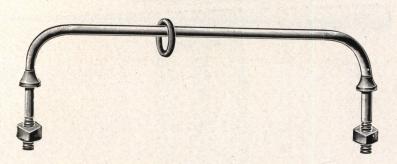
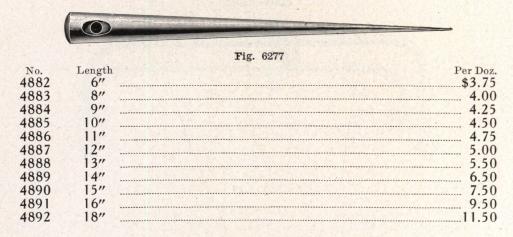


Fig. 6275

No.	Dia.	Height Between Deck		
	of Iron		STATE OF THE STATE OF	Each
4863	3/8"	1 "	10"	\$.75
4864	3/8"	1 "	12"	.75
4865	3/8"	1 "	15"	.90
4866	3/8"	1 "	18"	.90
4867	3/8"	1 "	24"	1.00
4868	1/2"	11/4"	12"	1.00
4869	1/2"	11/4"	15"	1.00
4870	1/2"	11/4"	18"	1.00
4871	1/2"	11/4"	24"	1.15
4872	1/2"	11/4"	30"	1.30
4873	5/8"	11/2"	18"	1.30
4874	5/8"	11/2"	24"	1.50
4875	5/8"	11/2"	30"	1.75
4876	5/8"	11/2"	36" .	2.00
4877	3/4"	13/4"	24"	1.75
4878	3/4"	13/4"	30" .	2.00
4879	3/4"	13/4"	36" .	2.25
4880	3/4"	13/4"	42" .	2.50
4881	3/4"	13/4"	48" .	2.75

MARLINE SPIKES Polished, with Steel Points



WIRE ROPE MARLINE SPIKES Solid Cast Steel—Forged from the Bar—Full Polished



No.	Length	Per Do
4893	6"	\$10.0
4894	8"	100
4895	10"	110
4896	12"	16.0
4897	14"	18.0
4898	16"	21.0
4899	18"	24.0
4900	20"	27.0

HAND FIDS Best Hickory



3.7	~.	Fig. 6281	
No.	Size		Each
4901	14"		\$.50
4902	16"		.60
4903	18"		.75
4904	20"		1.00
4905	22"		1.25
St	anding Fide furr	sished to order	

RIGGER SCREWS Wrought Iron For Manila Rope

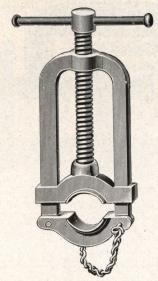


Fig. 6283

	Diameter	For Diameter	
No.	of Screw	Rope	Each
0	11/2"	3 "	\$13.50
1	11/4"	21/2"	9.50
2	11/8"	2 "	7.50
3	1 "	13/4"	6.50
4	7/8"	11/2"	5.50

For Wire Rope

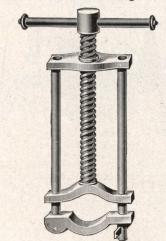


Fig. 6285

		For Diameter	
No.	of Screw	Rope	Each
0	11/2"	21/4"	\$9.00
1	11/4"	2′ ″	6.25
2	11/8"	13/4"	5.00
3	1 "	11/3"	4.40
4	7/8"	11/4"	3.75
5	3/4"	11/8"	3.25

MALLEABLE IRON SCREW CLAMPS

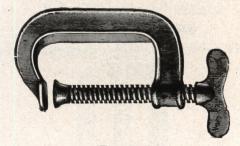


Fig. 6287

No.	Width of Opening	Per Doz.
4906	2 "	\$4.00
4907	21/2"	7.00
4908	3 "	8.00
4909	4 "	11.00
4910	5 "	14 00
4911	6 "	18.00
4912	7 "	22.00
4913	8 "	20.00
4914	10 "	2/ 00
4915	12 "	46.00

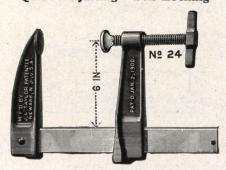
STEEL BAR CLAMP No. 15 Quick-Adjusting—Self-Locking



Fig. 6289

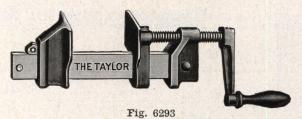
No.	Opens	Bar	Screw		Per Doz.
4916	4"	1" x 5"	4" x 9"	Calculate the Land	\$11.52
4917	6"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		12.00
4918	8"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		12.36
4919	10"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		12.72
4920	12"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		13.20
4921	18"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		14.28
4922	24"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		15.36
4923	30"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		16.32
4924	36"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		17.40
4925	48"	$1'' \times \frac{5}{16}''$	$4'' \times \frac{9}{16}''$		19.56
Sn	ecial eno	the to order			

STEEL BAR CLAMP No. 24 Quick-Adjusting—Self-Locking



No.	Opens	Bar	Screw	Per Doz.
4926	6"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	\$30.00
4927	8"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	7½" x 3/4"	31.44
4928	10"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	
4929	12"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	
4930	18"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	37.44
4931	24"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	40.56
4932	30"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	71/2" x 3/4"	
4933	36"	$1\frac{3}{4}$ " x $\frac{5}{16}$ "	7½" x 3/4"	46.56

STEEL BAR CARPENTER CLAMP No. 25 Quick-Adjusting—Self-Locking



No.	Opens	Clamping Surfaces	Bar	Screw	Per Doz.
4934	2 '	2" High x 21" Wide	11/2" x 1/4"	6½" x 5/8"	\$33.00
4935	21/2'	2" High x 21" Wide	11/2" x 1/4"	61/2" x 5/8"	34.56
4936	3 ′	2" High x 21" Wide	11/2" x 1/4"	6½" x 5/8"	36.00
4937	4 '	2" High x 21" Wide	11/2" x 1/4"	6½" x 5/8"	39.00
4938	5 '	2" High x 21" Wide	11/2" x 1/4"	6½" x 5/8"	42.00
4939	6 '	2" High x 21" Wide	11/2" x 1/4"	6½" x 5/8"	45.00

BOAT CLAMP SCREWS Wrought Iron

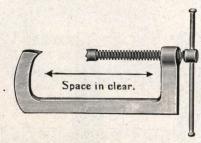


Fig. 6295

No.	Size of Frame	Dia. of Screw	Space in Clear	Each
10	21/2" x 5/8"	11/2"	18" x 5 "	\$7.00
20	21/4" x 5/8"	11/2"	16" x 4 "	5.75
30	2 "x 1/2"	11/4"	14" x 4 "	5.00
40	13/4" x 1/2"	11/4"	12" x 31/2"	4.50
50	11/2" x 3/8"	11/8"	10" x 31/2"	3.75
60	11/4" x 3/8"	11/8"	8" x 3 "	3.00
70	11/8" x 3/8"	1 "	6" x 3 "	2.50

SHIP CLAMP SCREWS Wrought Iron

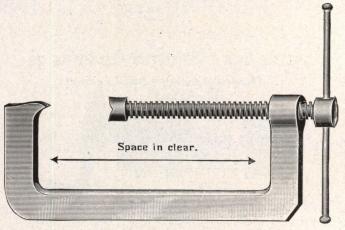


Fig. 6297

No.	Size of Frame 5 "x 1½"	Dia. of Screw 21/2"	Space in Clear 36" x 10"	Each \$42.00
2	41/2" x 11/4"	2'"	33" x 9"	30.00
3	4 "x1 "	13/4"	30" x 8" 27" x 8"	22.00 19.00
5	31/2" x 7/8"	13/4"	24" x 7"	12.50
7	3 "x 3/4" 3 "x 5/8"	11/2"	21" x 6" 18" x 5"	 10.00

WROUGHT IRON KEDGE ANCHORS Galvanized

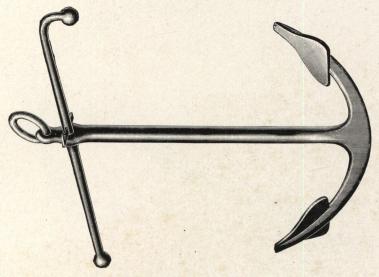


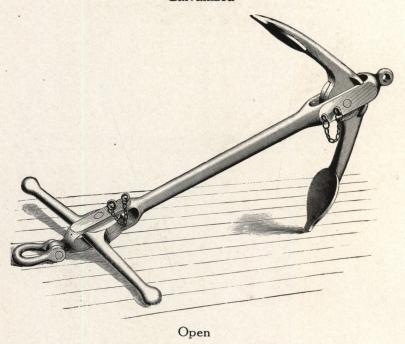
Fig. 6299

No. Weight	Each
4940 4 lbs.	\$1.40
4941 5 lbs	1.66
4942 6 lbs.	1.90
4943 7 lbs.	2.14
4944 8 lbs.	2.40
4945 9 lbs.	
4946 10 lbs.	2.60
4947 12 lbs.	2.84
4948 14 lbs.	3.06
	3.26
17 100.	3.40
4950 16 lbs.	3.52
4951 18 lbs	3.76
4952 20 lbs.	4.00
25 to 100 lbs. per pound.	1.00
105 to 200 lbs. per pound.	
205 to 350 lbs. per pound.	
350 to 500 lbs. per pound.	

WROUGHT IRON ANCHOR KEYS

		Fig. 6301	
No.	Size	For Anchors	Per Doz.
1	$1\frac{5}{8}$ " x $\frac{7}{16}$ " x $3/32$ "	4 to 9 lbs.	\$.50
2	$2\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{3}{32}$ "	10 to 20 lbs.	
3	$3\frac{1}{2}$ " x $\frac{13}{6}$ " x $\frac{1}{8}$ "	25 to 35 lbs.	1.20
4	$4\frac{1}{2}$ " x 1 " x 3/16"	40 to 100 lbs.	1.80

MALLEABLE IRON DIRIGO FOLDING ANCHORS Galvanized





Closed

Fig. 6303

No.	Weight		Each
4953	4 lbs.		\$1.25
4954	6 lbs.		1.50
4955	8 lbs.		2.00
4956	10 lbs.		2.50
4957	12 lbs.		3.00
4958	16 lbs.		3.50
4959	20 lbs.		4.50
		and larger, per pound	

The larger sizes in stock weigh about 30, 44, 55, 76 pounds.

This is the only practical Anchor that both stock and flukes fold up. They are kept either open or closed, as desired, by the same pin. It has all the good qualities of a regular Anchor when in use, and in addition has the advantage of being compact for stowage. It is the result of an experience of over 25 years in the manufacture of Anchors.

SWIVEL ANCHORS

Galvanized Iron and Japanned Steel Forged Steel Shanks



No.	Weight	Length	Galvanized Each	Japanned Each
4960	5 lbs.	12"	\$1.20	
4961	10 lbs.	14"	2.00	
4962	15 lbs.	15"	2.75	
4963	20 lbs.	17"	3.50	
4964	25 lbs.	18"	4.25	
4965	30 lbs.	19"	5.10	
4966	35 lbs.	21"	5.65	
4967	40 lbs.	23"	6.20	
5968	50 lbs.	26"	7.30	
4969	60 lbs.	28"	8.50	
4970	80 lbs.	30"	11.00	
4971	100 lbs.	31"	13.50	\$8.50
4972	125 lbs.	32"	16.75	10.65
4973	150 lbs.	34"	20.25	12.75
4974	175 lbs.	34"	23.50	14.90
4975	200 lbs.	35"	27.00	17.00

The great advantage of the Swivel Anchor over all other Anchors is, that it cannot be fouled, as the shank revolves in a perfect swivel, thus obviating the necessity of a swivel in the mooring.

These Anchors are made on symmetrical lines, and have the greatest holding power of any stockless anchor made. The shanks are drop forged without a weld.

WROUGHT IRON TRAWL OR SAND ANCHORS

Black and Galvanized

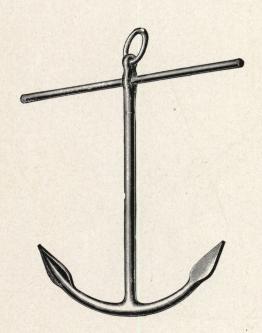


Fig. 6307

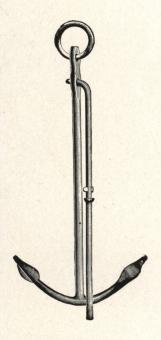
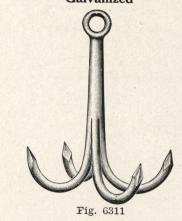


Fig. 6309

		Fas	t Stock	Loose	Stock
No.	Weight	Black	Galvanized	Black	Galvanized
5000	4 lbs	\$.92	\$1.14	\$1.00	\$1.22
5001	5 lbs	1.00	1.30	1.10	1.40
5002	6 lbs	1.10	1.44	1.22	1.56
5003	7 lbs	1.20	1.60	1.34	1.74
5004	8 lbs	1.30	1.70	1.46	1.86
5005	10 lbs	1.40	2.00	1.60	2.20
5006	12 lbs	1.66	2.30	1.90	2.54
5007	14 lbs	1.90	2.60	2.20	2.88
5008	16 lbs	2.20	3.00	2.52	3.32
5009	18 lbs	2.50	3.40	2.84	3.56
5010	20 lbs	2.80	3.70	3.00	4.00

Sizes up to 200 pounds furnished to order.

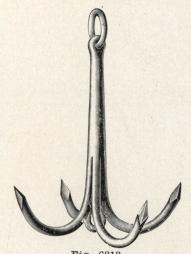
WROUGHT IRON WELL CREEPERS Galvanized



No. Weight 5011 1½ lbs.

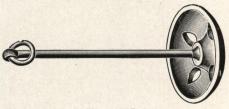
Each ...\$.40

WROUGHT IRON GRAPNELS Galvanized



No.	Wei	ght	Fig. 6313	Each
5012	3	lbs.		\$.60
5013	31/	2 lbs.		
5014	4	lbs.		.80
5015	41/	2 lbs.		90
5016	5	lbs.		1.00
5017	6	lbs.		1.20
5018	7	lbs.		1.40
5019	8	lbs.		1.60
5020	10	lbs.		1.75
5021	12	lbs.		1.92
5022	15	lbs.		2.40
5023	20	lbs.		3.20
5024	25	lbs.		4.00
Lar	ger siz	es car	be furnished to order.	

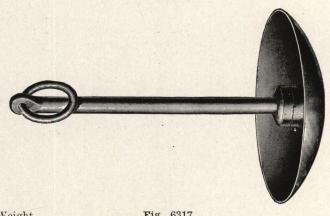
MUSHROOM ANCHORS Galvanized



No.	Weight	Fig. 6315	Each	
5025	10 lbs.	4	\$2.40	
5026	15 lbs.		3.60	
5027	20 lbs.		4.80	
5028	25 lbs.		6.00	

MUSHROOM ANCHORS





No.	Weight	Fig. 6317	Per Lb.
5029	25 lbs		
5030	50 lbs		
5031	75 lbs		
5032	100 lbs		
	150 to 500 l	bs	

Table Showing Approximate Size of Anchor and Cable for Boats Under 90 Feet

	Di	ameter	Anchor	s, Pounds
Length of Boat	Rope Cable	Chain Cable	Ordinary	Heavy
Under 30 ft.	3/4"		40	60
30 to 40 ft.	1 "	1/4"	60	80
40 to 50 ft.	11/4"	$\frac{5}{16}$ "	70	100
50 to 60 ft.	13/8"	3/8"	90	120
60 to 70 ft.	11/2"	1/2"	100	140
70 to 80 ft.	11/2"	1/2"	120	160
80 to 90 ft.	13/4"	5/8"	135	180

STUD LINK, SHIP'S ANCHOR CHAIN

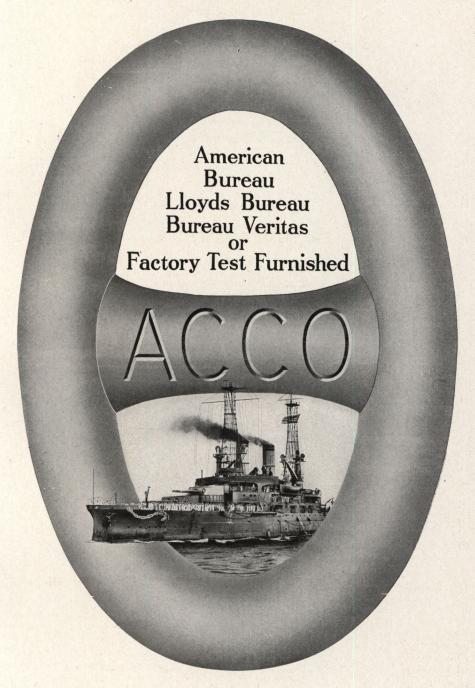


Fig. 6319

Net price per pound quoted upon application.

COIL, CABLE, RAFTING, DREDGE CHAIN Self Colored, Blacked or Galvanized



_	_	_	-	_	_	_	_	-					41.						
	ality Dredge	Approximate	Weight Breaking	Strain Lbs.								27000	40000	52000	67500	83000	104000	120000	140800
												400	625	800	1000	1300	1600	1900	2300
	H. B. Quality Dredge	Approximate	Breaking	Strain Lbs.								25000	36000	48000	00019	78000	95000	114000	134000
	H. B. Qual		Weight	Per 100 Ft.								400	625	800	1000	1300	1600	1900	2300
1	В	Approximate	Breaking	Strain Lbs.	2400	4500	2000	0006	12500	16500	22000	25000	35000	47500	64500	78000	95000		
118. 00	BBB		Weight	Per 100 Ft.	52	83	118	991	215	. 268	340	420	019	830	1040	1400	1600		
	В	Approximate	Breaking	Strain Lbs.	2200	3800	2600	8000	11500	15000	18500	23000	33500	44000	59000	74000	86000		
	BB										335								
	OF	Approximate	Breaking	Strain Lbs.	2000	3300	5200	7200	10000	13000	16000	20000	28800	39000	51500	00009	80000		
	PROOF			-							325								
				Size	3 11	1/4"	15/1	3/8"	17 "	1/2"	1 6	5/8"	3/4"	1/8"	"	1/8	1/4"	3/8"	1/2"

BOAT CHAIN

Galvanized

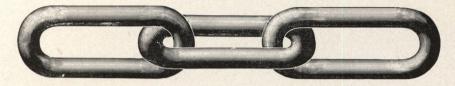


Fig. 6323

No.	Size A	pproximate V Per 100 Ft	
5033	3"	42 lbs.	
5034	1/4"	64 lbs.	

AMERICAN COIL CHAIN

Galvanized

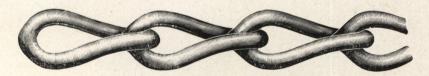


Fig. 6325

No.	Size	Tensile Streng	th Per 100 Ft.
6	3/32"	500 lbs.	\$8.80
5	7/64"	600 lbs.	8.80
4	1/8"	700 lbs.	8.80
3	9/64"	800 lbs.	8.80
2	5/32"	900 lbs.	8.80
1	5/32"	1000 lbs.	8.80
1/0	11/64"	1200 lbs.	9.00
2/0	3/16"	1300 lbs.	9.50
3/0	13/64"	1400 lbs.	10.00
4/0	15/64"	2200 lbs.	12.00
5/0	1/4"	2500 lbs.	
6/0	9/32"	3000 lbs.	

JACK CHAIN



Fig. 6327

	Plain Iron Galvanized Iro	
No.	Per Doz. Yds. Per Doz. Yds.	
24	\$.40 \$.80	\$.50
23	.40 .80	.50
22	.40 .80	.50
21	.40 .80	.50
20	.40 .80	.55
19	.40 .80	.60
18	.45 .90	.70
17	.48 .96	.84
16	.48 .96	1.00
15	.50 1.00	1.25
14	.55	. 1.60
13	.60	1.92
12	.65	2.30
11	.70	2.80
10	.80 1.60	3.50
9	.90 1.80	4.25
8	.95	5.25
7	1.10 2.20	6.35
6	1.30 2.60	8.00
. 5	2.00	10.00

LOCK LINK CHAIN



Fig. 6329

		Weight	Plain Iron	Galv. Iron
No.	Tensile Strength	Per 100 Ft.	Per 100 Ft.	Per 100 Ft.
7	184 lbs.	3 lbs.	\$1.40	\$2.80
6	220 lbs.	$3\frac{1}{2}$ lbs.	1.40	2.80
5	297 lbs.	51/4 lbs.	1.45	2.90
4	507 lbs.	6 lbs.	1.50	3.00
3	554 lbs.	8 lbs.	1.60	3.20
2	580 lbs.	10 lbs.	1.80	3.60
1	947 lbs.	13 lbs.	2.00	4.00
1/0	1157 lbs.	171/4 lbs.	2.30	4.60
2/0	1590 lbs.	20½ lbs.	2.50	5.00
3/0	1670 lbs.	261/4 lbs.	3.25	6.50
4/0	2184 lbs.	29½ lbs.	3.75	7.50
5/0	2486 lbs.	35 lbs.	4.50	9.00
6/0	2700 lbs.	40 lbs.	6.00	12.00
7/0	3314 lbs	45 lbs	7.00	14.00

BRASS SAFETY CHAIN



Fig. 6331

	Per Doz.
	\$1
por November 1990	
	1
	1
	7

BRONZE METAL TILLER OR LIMBER CHAIN



Fig. 6333

No.	Width of Link	Per Ft.
5035	3/8"	\$.13

BRASS BACKING CHAIN



Fig. 6335

No.	Size	
5036	1/8"	
5037	$\frac{3}{16}''$	
5038	1/4"	
5039	5" 16"	
5040	3/8"	

Goods listed without a price are not carried in stock, but can be furnished to order.

IRON CONNECTING LINK Drop Forged

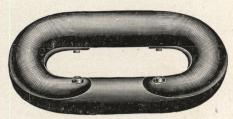
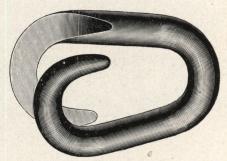


Fig. 6337

No.	Size	Outside Dimensions of Links	Plain Per Doz.	Galvanized Per Doz.
5041	1/4"	11/2" x 1 "	\$1.00	\$1.35
5042	$\frac{5}{16}$ "	$1\frac{11}{16}$ " x $1\frac{3}{16}$ "	1.10	1.45
5043	3/8"	$2\frac{1}{16}$ " x $1\frac{3}{8}$ "		1.60
5044	$\frac{7}{16}$ "	$2\frac{3}{8}$ " x $1\frac{1}{2}$ "	1.35	1.80
5045	1/2"	25/8" x 13/4"	1.50	2.10
5046	9"	$3 \text{ "x } 1\frac{15}{16}$ "	1.80	2.55
5047	5/8"	$3\frac{5}{16}'' \times 2\frac{3}{16}''$	2.00	3.00
5048	11"	$3\frac{1}{2}'' \times 2\frac{5}{16}''$	2.65	3.75
5049	3/4"	37/8" x 21/2"	3.35	4.50
5050	7/8"	$4\frac{5}{16}'' \times 2\frac{15}{16}''$	5.00	6.50
5051	1 "	$4\frac{7}{8}'' \times 3\frac{5}{16}''$	7.00	9.00
5052	11/8"	55/8" x 33/4"	16.00	19.00
5053	11/4"	6 "x 41/8"	21.50	25.00
5054	13/8"	63/4" x 43/4"	29.40	34.00
5055	11/2"	$7\frac{1}{4}$ " x $5\frac{1}{8}$ "	36.00	42.25

WROUGHT IRON LAP LINKS Galvanized



No.	Size	Fig. 6339	Per Doz.
5056	3"		\$.60
5057	1/4"		.65
5058	5"		.75
5059	3/8"		1.00
5060	7"		1.25
5061	1/2"		1.80
5062	9"		2.15
5063	5/8"		2.50
	/ 0		

CARGO HOOKS

Drop Forged



Fig. 6341

No.	Length	Size Oval	Each
5064	81/2" .	13/8" x 1 "	\$1.50
5065	101/2"	15/8" x 11/4"	2.50
5066	121/2"	21/4" x 15/8".	3.50

PELICAN HOOK

Drop Forged

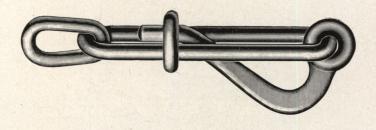
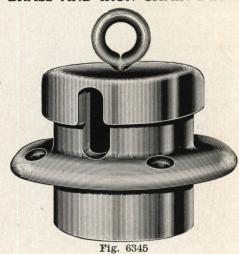


Fig. 6343

No. Length Closed Size Iron	Each
5067 10" 1/2"	\$1.50

CAST BRASS AND IRON CHAIN DECK PIPES



			Galv. Iron	Pol. Brass
No.	Size	For Chain Dia.	Each	Each
5068	13/4"	3 "	\$.50	\$2.00
5069	2 "	1/4"		3.00
5070	21/4"	5"		5.00
5071	21/2"	3/8"		6.00
5072	3 "	1/2"	1.00	7.00
5073	31/2"	5/8"	1.50	10.00
5074	4 "	3/4"	2.50	
5075	41/2"	7/8"	3.00	
5076	5 "	1 "	3.25	
5077	51/2"	11/8"	4.00	
5078	6 "	11/4"	4.25	

ROLLER CHOCKS Wrought Iron and Cast Brass

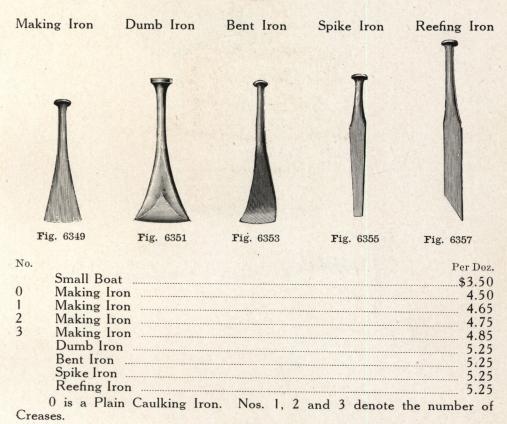


Fig. 6347

		Size of	Sheave	Galv. Iron	Pol. Brass
No.	Length	Diameter	Thickness	Each	Each
1	9"	17/8"	7/8"	\$1.00	\$2.00
2	9"	2 "	11/8"		2.15
3	10"	2 "	11/4"	1.25	2.25
4	10"	2 "	11/2"	1.50	2.50
5	12"	21/4"	13/4"	1.75	3.00

CAULKING IRONS

Steel



HAWSING IRONS

Solid Steel



Fig. 6359

			Blac	des Polished	Blades Blacked
No.	Thickness			Per Doz.	Per Doz.
5079	$\frac{3}{16}''$ or $\frac{1}{4}''$	Regula	ar	\$20.00	\$15.00
5080	$\frac{5}{16}''$ or $\frac{3}{8}''$	Regula	ır	22.50	17.50
		Bent		25.00	20.00

BOAT OR PLUMBER'S SCRAPERS



Fig. 6361

No. Lei	ngth Ove	rall Size of Blade	Per Doz.
		- A - I Hangulai	
5082	5"	21/4" x 1" Oval	3.50

YACHT SCRAPER



Fig. 6363

No. Length Overall	Size of Blade	Per Doz.
5083 91/2"	23/4" x 23/4"	\$4.50

SHIP SCRAPERS

Tempered Steel Blades—Galvanized Sockets

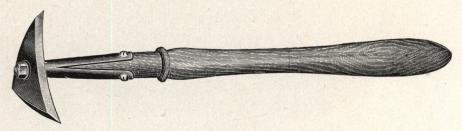


Fig. 6365

No.	Length Overall Size of Blade	Per Doz.
1 2	18½" ¼" x 4½"	\$10.50 8.50
1 2	Blades only Blades only	6.75 4.50

MALLEABLE IRON RINGS Galvanized



No.	Size	Fig. 6367	Per Gross
5084	3/8"		+ 05
5085	1/2"		10
5086	5/8"		15
5087	3/4"		6.5
5088	7/8"		85
5089	1 "		1 15
5090	11/4"		2.00
5091	11/2"		2.00
5092	13/4"		2.05
5093	2 "		1 75
5094	21/4"		5 25
5095	21/2"		7.50

WROUGHT IRON RINGS Galvanized



No.	Size	Fig. 6369	Per Gross
5096	2 "x 1/4"		\$17.00
5097	21/4" x 1/4"		19.00
5098	21/2" x 1/4"		21.00
5099	$2'' \times \frac{5}{16}''$		15.00
5100	$2\frac{1}{2}'' \times \frac{5}{16}''$		16.50
5101	3 "x 5"		27.00
5102	2 "x 3/8"		22.00
5103	21/2" x 3/8"		24.00
5104	3 "x 3/8"		35.00

CAST BRASS RINGS Polished

		- Caloned
No. 5105	Size	Fig. 6371
5106	12	
5107	5/8"	
5107	74	
5109	7/8"	
5110	11/11	
	11/4"	
5111	1/2	
5112	13/4"	
5113	2 "	

Goods listed without a price are not carried in stock, but can be furnished to order.

MALLEABLE IRON SAIL THIMBLES Galvanized



No.	Size	Fig. 6373	Per Doz.
5114	5/8"		\$.20
5115	3/4"		25
5116	7/8"		.28
5117	1 "		25
5118	11/8"		10
5119	11/4"		
5120	13/8"		.60
5121	11/2"		70
5122	15/11		0.0
5123	13/11		1.00
5124	2 "		
5125	21/4"		
5126	21/11		2.1.
5127	23/4"		2.05
5128	3 "	The state of the s	2.10
5129	31/4"		3.45
5130	31/2"		2 (0
5131	4"		4.30
M	annura autoida di		1.50

Measure outside diameter.

WROUGHT IRON OPEN THIMBLES Galvanized



Fig. 6375 No. Outside Dia. Width of Score Per Doz. 5132 5133 5134 .28 5135 .30 5136 5137 5138 .36 5139 .45 5140 .60 5141 .90 5142 1.10 51431.40 5144

WIRE ROPE THIMBLES Steel and Brass

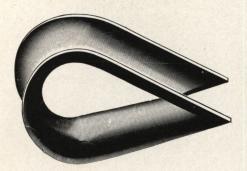


Fig. 6377

	(Circumferenc	e Extreme	Galv. Steel Plain Brass
No.	Width of Scor	e of Rope	Length	Each Each
5145	1/8"	1/2"	11/2"	\$.04 \$.12
5146	3"	5/8"	13/4"	.05 .12
5147	1/4"	3/4"	2 "	
5148	<u>5</u> "	7/8"	21/8"	.06 .14
5149	3/8"	1 "	21/2"	.07 .15
5150	7 "	11/4"	25/8"	.08 .16
5151	1/2"	11/2"	3 "	.09 .17
5152	9 "	13/4"	3 "	.10 .18
5153	5/8"	2 "	35/8"	.11 .20
5154	3/4"	21/2"	37/8"	
5155	7/8"	23/4"	41/2"	.14
5156	1 "	3 "	47/8"	
5157	11/8"	31/2"	51/8".	
5158	11/4"	33/4"	55/8".	
5159	13/8"	41/4"	6 ".	
5160	11/2"	41/2"	67/8" '.	.50
5161	15/8"	5 "	71/4" .	
5162	13/4"	51/2"	71/4" .	
5163	17/8"	53/4"	73/8".	
5164	2 "	6 "	81/4".	1.10
5165	21/4"	61/2"	97/8" .	1.58
5166	21/2"	71/2"	97/8".	2.08
5167	23/4"	81/4"	10 ".	3.40
5168	3 "	9 "	10 " .	3.90

WIRE ROPE CLIPS Galvanized and Plain

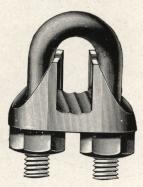


Fig. 6379

		Plain Iron	Galv. Iron
No.	Dia. of Rope	Per 100	Per 100
5169	3 "	\$4.20	\$4.80
5170	1/4"	4.45	5.10
5171	5''' 16''	4.75	5.45
5172	3/8"	5.80	6.70
5173	$\frac{7}{16}$ "	6.45	7.45
5174	1/2"	8.95	10.30
5175	$\frac{9}{16}''$	11.80	13.55
5176	5/8"	12.25	14.05
5177	3/4"	18.05	20.75
5178	7/8"	25.65	29.45
5179	1 "	30.55	35.15
5180	11/8"	47.60	54.75
5181	11/4"	57.55	66.20
5182	13/8"	82.15	94.45
5183	11/2"	96.10	110.50

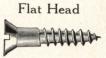
TILLER ROPE CLIPS Iron and Brass



Fig. 6381

No.	For Rope	Dia.	Galv. Iron Each	Plain Brass Each
5184	1/8"		\$.25	\$.30
5185	3"			.35
5186	1/4"			.40
5187	5"		.40	.50
5188	3/8"			.60

BRASS WOOD SCREWS





Round Head



Fig. 6385

Oval Head



Fig. 6387

Price per Gross	Flat Hea	l, Round	Head,	Oval	Head,	C.	S
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No.	0	1	2	3	4	5	6	7	8	9	10	11	12
14 3/8 1/2 5/8 3/4 7/8 1 1/4 1/2 13/4 2 1/2 21/4 21/2 23/4 3 3 1/2	84	4 .87	.92			1.04 1.12 1.20 1.30 1.40 1.60 1.75 2.25 3.05	1 20 1 30 1 40 1 55 1 65 1 80 2 35 3 10 3 95 5 15	1.33 1.4 1.66 1.77 1.99 2.11 2.44 3.21 4.00 5.20	5 1.65 0 1.85 5 2.00 0 2.20 0 2.45 5 2.85 0 3.30 0 4.10 0 5.55 6.85	1.90 2.10 2.30 2.50 2.80 3.20 3.65 4.20	2.15 2.40 2.65 2.90 3.15 3.50 4.25 4.70 5.40 7.05 9.50 11.65 13.70 15.85	2.65 3.00 3.35 3.65 4.10 4.65 5.35 6.15 7.25 9.60 11.80 13.85 16.00	3.00 3.35 3.70 4.10 4.65 5.35 6.05 6.85 7.90 9.70 11.95 14.00 16.15 18.60
No.	13	14	15	16	17	1	8	20	22	24	26	28	30
5/8 3/4 7/8 1 1 1/4 1 1/2 1 3/4 2 1/2 2 3/4 3 3 1/2 4 4 1/2 5 6	3.35 3.70 4.10 4.55 5.35 5.95 6.70 7.55 8.80 9.85 12.10 14.10 16.30 18.80	14.30 16.45 19.00 22.60	4.10 4.55 5.05 5.60 6.55 7.60 8.65 9.75 10.75 11.85 13.00 14.60 19.25 22.80	4.55 5.05 5.60 6.65 7.20 8.35 9.50 10.70 11.90 13.00 14.20 15.40 17.70 20.35 23.40 26.90 31.00	7.2 7.8 9.1 10.4 11.7 13.0 14.3 15.6 16.8 19.4 22.3 25.7	55 7 55 9 55 10 55 12 00 13 00 15 00 16 55 18 00 22 00 26 55 30 00 35	.85 1 .40 1 .90 1 .40 1 .95 1 .40 2 .95 2 .75 2 .90 3 .90 3 .50 4	0.45 2.65 4.50 6.30 8.00 9.85 1.60 3.40 6.90 0.80 5.40 0.70 6.80	14.50 16.85 18.90 20.95 23.00 25.00 27.10 31.20 36.00 41.40 47.60 54.75	18.90 21.00 23.30 25.50 28.00 31.15 35.80 40.70 46.80 53.80 61.90	35.85 41.20 47.35 54.40 62.60 72.95	41.15 47.45 54.55 62.70 72.15 82.95	47. 45 54. 55 62. 70 72. 15 82. 95 93. 35

Flat head and oval head countersunk wood screws are measured from outer edge of countersink to point. Round heads from bottom of slot to point.

STEEL SCREWS Galvanized and Plain

Fig. 6389

No.	0	1	2	3 4	5	6	7	8	9	10	11	12
14 3/8 1/2 5/8 3/4 7/8 1 1 1/4 1 1/2 2 1/3 4 2 2 1/4 2 2 3/4 3 3 1/2 4 4 1/2 5 6	.72 .72	.72 .72 .72 .72 .72 .72	.72 .72 .72 .72 .72 .74	.72 .72 .72 .75 .78 .80 .88	1	8	84 86 90 94 2 98 6 1.10 6 1.20 6 1.45 1 1.55 1 1.65 2 10 2 2.60		94 96 98 1.00 1.05 1.10 1.35 1.55 1.65 2.30 2.80 3.10 4.00 5.10	1.05 1.07 1.10 1.15 1.20 1.30 1.40 1.60 1.75 1.95 2.40 2.90 3.15 4.10 5.20	1.10 1.12 1.15 1.25 1.30 1.40 1.50 1.70 1.85 2.05 2.05 2.50 3.00 3.20 4.20 5.30	1.20 1.20 1.25 1.35 1.40 1.55 1.65 2.00 2.20 2.20 3.10 3.30 4.30 5.40 7.00 8.10
No.	13	14	15	16	17	18	20	22	24	26	28	30
5/8 3/4 7/8 1 1 1 1/2 2 1 3/4 2 2 2/4 2 3/4 3 3 1/2 4 4 1/2 5 6	1.25 1.35 1.45 1.60 1.70 1.80 2.00 2.20 2.35 2.70 3.20 3.40 4.40 5.60 7.20 8.30 10.30	2.00 2.25 2.45 2.65 2.90 3.30 3.50 4.50 7.60	3.30 3.60 3.80 4.75 6.20 7.85 9.10	1.80 2.00 2.50 2.50 2.80 2.90 3.10 3.50 3.65 3.90 4.20 4.95 6.50 8.15 9.70	2.70 2.75 3.20 3.50 3.70 3.85 4.20 4.50 4.80 5.40 7.00 8.60 10.10 13.00	2.80 3.30 3.80 4.00 4.20 4.55 4.70 5.00 5.50 6.15 7.60 9.15 11.00 14.50	3.50 4.00 4.30 4.50 4.80 5.30 5.80 6.10 6.50 7.30 8.60 9.85 11.50	4.80 5.10 5.20 5.50 6.10 6.70 7.20 7.50 8.70 9.70 11.20 13.00	8.70 10.20 11.20 13.50 15.00) 10.50 0 12.00 0 14.00 0 16.00 0 18.00) 16.00 0 18.50 0 21.00	21.5

Flat head and oval head countersunk wood screws are measured from outer edge of countersink to point. Round heads from bottom of slot to point.

BRASS MACHINE SCREWS

Round Head, Flat Head, Fillister Head

Price List November 18, 1912

Price Per Gross

Length	56	48	32 & 36	32	32	24 & 32	24	20 & 24	18	16 & 18	16 & 18	16	14	1
No.	2	3	4	6	8	10	12	14	16	18	20	24	30	3
Ins.	Cts	Cts	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Ctr.	C
1/8 3/16 1/4 5/16 3/7/16 3/4 10 10 10 10 10 10 10 10 10 10 10 10 10	32	32 32	36 36	46	70 70	100								
1/4	32	32	36	46	70	100	125	165						
5/16	34	34	38	49	75	105	135	175						
3/8	36	36	40	52	80	110	145	185	290	370	460	550		
16	38	38 40	42	55 58	85 90	115	155	200	305	390	480	560		
9/16	43	43	47	62	95	125 135	165	215 230	320 335	410	500	575		
5/8	46	46	50	66	100	145	185	245	350	430 450	525 550	630 650		
11/16	49	49	53	70						450	330	000		
13/	52 55	52 55	56	74	110	165	205	275	380	490	600	670		15
7/6	58	58	59 62	78 82	120	185	225	205						
15/16			65	86	120	100	225	305	410	530	650	740		17
- 1			70	90	130	205	245	335	440	570	700	850	1575	18
11/8			80	105	145	220	265	355	465	600	750	900	1373	10
11/8 11/4 13/8 11/2 15/8 13/4 17/8			90	120	160	235	285	375	490	630	800	990	1875	22
11/2			110	135	175 190	250 265	305 325	395	520	660	850	1150		
15/8			125	170	210	285	350	415	550 585	690 730	900 950	1200	2250	26
13/4			140	190	230	305	375	465	620	770	1000	1270	2425	28
2 8			155	210	250	325	400	490	660	810	1050	1270	2423	20
21/			170	230	270	345	425	515	700	860	1100	1350	2600	30
$\frac{2\frac{1}{4}}{2\frac{1}{2}}$				270	310	385 465	475	565	800	975	1200	1490	2800	32
23/4						600	580 700	680 800	900	1050 1250	1350	1550	3050	35
3	,					750	850	950	1100	1500	1500 1650	1700 1900	3300 3600	38
31/ ₄ 31/ ₂						900	1050	1150	1500	1750	1850	2250	3950	40
33/2						1100	1250	1500	1800	1950	2200	2550	4275	45
33/4						1350 1650	1500 1800	1850 2200	2000 2500	2250 2650	2500 2800	2800 3200	4660	

STEEL MACHINE SCREWS

Round Head, Flat Head, Fillister Head

Price List November 18, 1912

Price Per Gross

		1	32			24		20		16	16			T
Length	56	48	& 36	32	32	& 32	24	& 24	18	& 18	& 18	16	14	
No.	2	3	4	6	8	10	12	14	16	18	20	24	30	1
Ins. 1/8 3/16 1/4 5/	Cts. 30 30 30 32	Cts. 30 30 30 32	Cts. 30 30 30 32	Cts. 35 35 35 37	Cts. 40 40 40 44	Cts. 60 60 65	Cts 70 75	Cts 85	Cts.	Cts.	Cts.	Cts.	Cts.	
1/8 3/16 -5/46 -3/8 -5/6 -5/8 -11/16 -3/4 -13/16 -13/16	32 34 34 37 37	32 34 34 37 37	32 34 34 37 37	37 39 39 42 42	44 48 48 52 52	65 70 70 75 75	75 80 80 85 85	90 95 95 100 100	115 120 120 125 125	150 160 160 170 170	190 200 200 210 210	230 240 240 250 250		
11 ₁₆ 3/4 13/16 7/8	41 41 45 45	41 41 45 45	41 41 45 45	46 46 50 50	56	80	90	105	130	180	220	260	400	
1 11/8 11/4 13/8			50 50 55 60 65	55 55 60 65 70	65 70 75 80	90 100 110 120	100 110 120 130	125 135 145 155	150 160 175 190	200 220 240 260	240 260 280 300	280 300 320 340	450 500 525 575	
1 ¹ / ₂ 1 ⁵ / ₈ 1 ³ / ₄ 1 ⁷ / ₈ 2			70 80 90 100 110	75 85 95 105 115	85 95 105 115 125	130 140 150 160 170	140 150 160 170 180	165 175 185 200 220	210 230 250 270 290	280 300 320 340 360	320 340 360 380 400	360 380 420 440 460	600 635 665 700 735	
2 ¹ / ₄ 2 ¹ / ₂ 2 ³ / ₄ 3				125	145 165 190 230	190 220 250 290 330	220 250 290 350 425	260 280 320 380 450	330 350 400 450 550	400 440 490 560 650	440 490 540 600 700	480 530 590 740 880	800 890 985 1100 1300	
$ \begin{array}{r} 31/4 \\ 31/2 \\ 33/4 \end{array} $						375	500	525	650 750	750 850	825 925	1010	1500 1500 1750	

BRASS BOLTS AND NUTS



Fig. 6391

Round Head



Fig. 6393

Flat Head

		—————Dia	meter-	
Length	3/16 in.	1/4 in.	5/16 in.	3/8 in.
		Per 10	0 Pieces———	
1/2"	\$1.60	\$2.75		
5/8"	1.70	2.95		
3/4"	1.75	3.15		
1 "	2.00	3.60	\$6.50	\$9.35
11/4"	2.30	4.00	7.00	10.60
11/2"	2.65	4.45	7.50	11.80
13/4"	3.00	5.00	8.05	12.45
2 "	3.35	5.35	8.60	13.10
21/2"	4.25	6.10	10.00	14.25
3 "	6.00	8.00	12.50	16.75
31/2"		13.00	17.75	21.25
4 "		17.50	22.00	26.00
5 "			30.35	36.00
6 "			40.00	46.00

GALVANIZED STOVE BOLTS



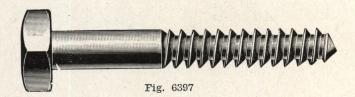
Fig. 6395

Flat or Countersunk Heads

Square Nuts

		——Diameter——	
Length	1/4 in.	5/16 in.	3/8 in.
	_	—Per 100 Pieces——	
3/4"	\$2.40		
1 "	2.60	\$3.70	
11/4"	2.80	3.90	
11/2"	3.00	4.10	\$6.20
2 "	3.20	4.60	6.80
21/2"	3.60	5.00	7.60
3 "	4.00	5.40	8.40
31/2"	4.40	6.00	9.20
4 "	4.80	6.60	10.00
5 "	5.70	7.80	11.60
6 "	6.90	9.40	13.20
7 "		11.40	15.00
8 "		13.60	17.50
9 "		16.00	20.00
10 "		19.00	23.00

WROUGHT BRASS LAG SCREWS Square Heads



Length	5/16 in.	3/8 in.	Diameter—7/16 in. Per 100 Pieces—	1/2 in.	5/8 in.
2 "	\$14.00	\$22.20	\$26.00	\$32.20	
21/2"	15.60	24.40	29.40	36.30	
3 "	17.10	26.40	32.90	40.40	
31/2"	18.70	28.60	36.30	44.50	
4 "	20.30	30.80	39.80	48.60	\$81.40
5 "		35.40	46.60	56.80	94.40
6 "		39.80	53.50	65.00	104.80
8 "					130.60

WROUGHT BRASS HANGER BOLTS Hexagon Nuts



Fig. 6399

		Diameter							
Lengtl	3/8 in.	7/16 in.	1/2 in.	5/8 in.					
		Per 10	0 Pieces———						
3 "	\$31.00								
31/2"	32.30	\$43.80							
4 "		47.00	\$56.00						
5 "	40.10	53.30	69.00	\$70.90					
6 "		59.60	82.00	79.90					
7 "			95.00	90.00					
8 "			108.00	97.80					

GALVANIZED DECK BOLTS

Hot Galvanized, Pan Head, Square Neck, Hot Pressed Square Nuts

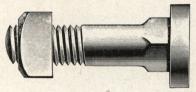


Fig. 6401

Size	Per 100	Size	Per 100
1/2" x 2 "	\$8.40	5/8" x 21/2"	\$13.50
	9.00		14.35
	9.60	5/8" x 31/2"	15.25
1/2" x 31/2"	10.20	5/8" x 4 "	
1/2" x 4 "	10.80	5/8" x 41/2"	17.25
1/2" x 41/2"	11.40	5/8" x 5 "	
1/2" x 5 "	12.00	5/8" x 51/2"	19.00
5/8" x 2 "	12.50	5/8" x 6 "	20.00

LAG OR COACH SCREWS Galvanized and Plain Square Head



				D1	ameter-	CONTRACTOR OF THE PARTY		
Length	1/4 & 5/16 in.	3/8 in.	7/16 in.		5/8 in.	3/4 in.	7/8 in.	1 in.
	/	No. of the No.			oo Fieces—			
1/2"	\$2.25	\$2.70	\$3.15	\$3.75				
"	2.45	2.96	3.47	4.11	\$6.00			
1/2"	2.65	3.22	3.79	4.47	6.50	\$9.20		
"	2.85	3.48	4.11	4.83	7.00	9.90	\$15.00	
1/2"	3.05	3.74	4.43	5.19	7.50	10.60	16.00	\$22.00
/ 2 ,,	3.25	4.00	4.75	5.55	8.00	11.30	17.00	23.30
1/2"	3.45	4.26	5.07	5.91	8.50	12.00	18.00	24.60
/2,,	3.65	4.52	5.39	6.27	9.00	12.70	19.00	25.90
1/2"	3.85	4.78	5.71	6.63	9.50	13.40	20.00	27.20
/2,,	4.05	5.04	6.03	6.99	10.00	14.10	21.00	28.50
1/2"	4.03	3.01	6.35	7.35	10.50	14.80	22.00	29.80
/2,,			6.67	7.71	11.00	15.50	23.00	31.10
1/2"			6.99	8.07	11.50	16.20	24.00	32.40
12,,			7.31	8.43	12.00	16.90	25.00	33.70
"			7.95	9.15	13.00	18.30	27.00	36.30
0 "			1.75	9.87	14.00	19.70	29.00	38.90
1 "				10.59	15.00	21.10	31.00	41.50
2 "				11.31	16.00	22.50	33.00	44.10
	lexagon I	Heads, a	dd 10 pe					

BRASS CARRIAGE BOLTS



Fig. 6405

			———Dia	meter		
Length	1/4 in.	5/16 in.	3/8 in.	7/16 in.	1/2 in.	5/8 in.
	. —		————Per 100	Pieces——		
2 "	\$22.40	\$25.80				
21/2"	23.80	28.00	\$35.10	\$44.80	\$50.60	
3 "	25.20	30.00	37.80	48.30	59.50	\$80.10
31/2"	26.60	32.20	40.60	51.70	64.40	86.90
4 "	28.10	34.20	43.40	55.20	69.20	93.60
5 "		38.40	48.90	62.00	78.90	107.10
6 "			54.40	68.90	88.60	120.60
7 "				75.80	98.40	134.00
8 "				82.70	108.10	147.50

WROUGHT BRASS MACHINE BOLTS

Hexagon Heads and Hexagon Nuts

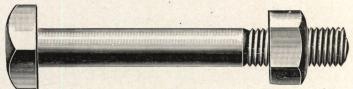


Fig. 6407

				-Diameter -			
Length	1/4 in.	5/16 in.	3/8 in.	7/16 in.	1/2 in.	5/8 in.	3/4 in.
			Pe	r 100 Pieces-			
1 "	\$14.60	\$18.80					
11/2"	15.80	20.40	\$25.90	\$36.00	\$51.30		
2 "	17.00	22.00	28.20	38.60	55.40		
21/2"	18.20	23.60	30.40	41.80	59.60		
3 "	19.40	25.20	32.70	45.00	63.70	\$70.70	
31/2"			35.00	48.20	67.80	75.70	
4 "			37.30	51.40	71.90	80.60	\$100.50
5 "			41.80	57.80	80.20	90.50	114.00
6 "			46.40	64.20	88.40	100.40	127.70
8 "						120.30	141.30
10 "							154.90

BRASS SET SCREWS

Cup Point



Fig. 6409

	Diameter									
Length	1/4 in.	5/16 in.	3/8 in. ——Per 100 Pieces—	7/16 in.	1/2 in.					
3/4"	\$9.00	\$9.90	\$10.90	\$12.20	\$16.00					
1 "	9.40	10.90	12.30	14.20	17.90					
11/4"	9.80	11.80	13.60	16.00	19.70					
11/2"		12.80	15.00	18.00	21.70					

BRASS CAP SCREWS

Hexagon Head

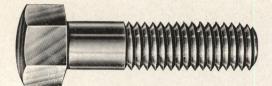
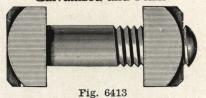


Fig. 6411

		Diameter									
Length	1/4 in.	5/16 in.	3/8 in. —Per 100 Pieces—	7/16 in.	1/2 in.						
3/4"	\$9.90	\$10.80	\$19.00	\$20.60	\$26.20						
1 "	10.60	11.50	19.60	22.30	28.20						
11/4"	11.30	12.30	20.20	24.00	30.40						
11/2"		13.00	20.80	25.80	32.50						
2 "		13.80	22.00	29.20	34.60						

MACHINE BOLTS AND NUTS Galvanized and Plain



Price per 100

With Square Heads and Square Nuts

Revised August 1, 1912

Length in Inches	1/4	5/16	3/8	7/16	1/2	9/16 & 5/8	3/4	7/8	1
11/2	\$1.70	\$2.00	\$2.40	\$2.80	\$3.60	\$5.20	\$7.70	\$10.50	\$15.10
2	1.78	2.12	2.56	3.00	3.86	5.58 5.96	8.25 8.80	11.20	16.00
21/2	1.86	2.24	2.72	3.20 3.40	4.12 4.38	6.34	9.35	12.60	17.80
3	1.94	2.36	2.88	3.60	4.64	6.72	9.90	13.30	18.70
31/2	2.02	2.48	3.20	3.80	4.90	7.10	10.45	14.00	19.60
4	2.10	2.60	3.36	4.00	5.16	7.48	11.00	14.70	20.50
4½ 5	2.26	2.84	3.52	4.20	5.42	7.86	11.55	15.40	21.40
51/2	2.34	2.96	3.68	4.40	5.68	8.24	12.10	16.10	22.30
6	2.42	3.08	3.84	4.60	5.94	8.62	12.65	16.80	23.20
61/2	2.50	3.20	4.00	4.80	6.20	9.00	13.20	17.50	24.10
7	2.58	3.32	4.16	5.00	6.46	9.38	13.75	18.20	25.00
71/2	2.66	3.44	4.32	5.20	6.72	9.76	14.30	18.90	25.90
8	2.74	3.56	4.48	5.40	6.98	10.14	14.85	19.60	26.80
9	2.90	3.80	4.80	5.80	7.50	10.90	15.95	21.00	28.60
10	3.06	4.04	5.12	6.20	8.02	11.66	17.05	22.40	30.40
11	3.22	4.28	5.44	6.60	8.54	12.42	18.15	23.80	32.20
12	3.38	4.52	5.76	7.00	9.06	13.18	19.25	25.20	34.00
13			6.08	7.40	9.58	13.94	20.35	26.60	35.80
14			6.40	7.80	10.10	14.70	21.45	28.00	37.60
15			6.72	8.20	10.62	15.46	22.55	29.40	39.40
16			7.04	8.60	11.14	16.22	23.65	30.80	41.20
17					11.66	16.98	25.85	33.60	44.80
18					12.18	17.74 18.50	26.95	35.00	46.60
19 20					13.22	19.26	28.05	36.40	48.40
21					13.22	17.20	29.15	37.80	50.20
22							30.25	39.20	52.00
23							31.35	40.60	53.80
24			1.34.4				32.45	42.00	55.60
25							33.55	43.40	57.40
26							34.65	44.80	59.20
27							35.75	46.20	61.00
28							36.85	47.60	62.80
29							37.95	49.00	64.60
30							39.05	50.40	66.40

The following extras are to be understood as a part of the Machine Bolt list.:
Bolts with Hexagon Heads or Hexagon Nuts, 10 per cent. extra.
If both Hexagon Heads and Hexagon Nuts, 20 per cent. extra.
Add 5 per cent with Sq. U. S. S. Nuts. Add 15 per cent with Hex. U. S. S. Nuts.

CARRIAGE BOLTS Galvanized and Plain

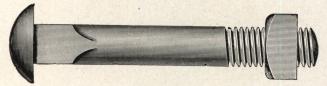


Fig. 6415

Price per 100		per 100 Manufacturers' Standard List			November 1, 1912		
Length in Inches	3/16 & 1/4	5/16	3/8	7/16	1/2	9/16 & 5/8	3/4
11/2	\$1.00	\$1.40	\$1.90	\$2.20	7.5		
2	1.10	1.52	2.06	2.40			
2 2½ 3	1.20	1.64	2.22	2.60	\$3.25	\$5.75	\$8.
3	1.30	1.76	2.38	2.80	3.53	6.13	9.
31/2	1.40	1.88	2.54	3.00	3.81	6.51	9.
4	1.50	2.00	2.70	3.20	4.09	6.89	10.
41/2	1.60	2.12	2.86	3.40	4.37	7.27	10.
5	1.70	2.24	3.02	3.60	4.65	7.65	11.
51/2	1.80	2.36	3.18	3.80	4.93	8.03	11.
6	1.90	2.48	3.34	4.00	5.21	8.41	12.
61/2	2.00	2.60	3.50	4.20	5.49	8.79	12.
7	2.10	2.72	3.66	4.40	5.77	9.17	13.
71/2	2.20	2.84	3.82	4.60	6.05	9.55	13.
8	2.30	2.96	3.98	4.80	6.33	9.93	14.
81/2	2.40	3.08	4.14	5.00	6.61	10.31	14.
9	2.50	3.20	4.30	5.20	6.89	10.69	15.
9½	2.60	3.32	4.46	5.40	7.17	11.07	15.
10	2.70	3.44	4.62	5.60	7.45	11.45	16.
- 11	2.90	3.68	4.94	6.00	8.01	12.21	17.
12	3.10	3.92	5.26	6.40	8.57	12.97	18.
13	3.30	4.16	5.58	6.80	9.13	13.73	19.
14	3.50	4.40	5.90	7.20	9.69	14.49	20.
15	3.70	4.64	6.22	7.60	10.25	15.25	21.
16	3.90	4.88	6.54	8.00	10.81	16.01	22.
17	4.10	5.12	6.86	8.40	11.37	16.77	23.
18	4.30	5.36	7.18	8.80	11.93	17.53	24.
19	4.50	5.60	7.50	9.20	12.49	18.29	25.
20	4.70	5.84	7.82	9.60	13.05	19.05	26.

Bolts with Hexagon Nuts, 15 per cent extra. Intermediate lengths take next higher list. Larger diameters take Machine Bolt list.

HEXAGON MACHINE SCREW NUTS Iron and Brass

No. Thread Fig. 6417 Per Gross Per	Brass Gross
4 32 36 40	1 08
6 30, 32, 36	1.08
8 30, 32, 36	1 22
10 24, 30, 32	1.30
12 20, 24 48	1 44
14 18, 20, 24	1.66
16 16, 18, 20	2.16
18 16, 18, 20	2.81
20 16, 18	3.67
22 16, 18	4.32
24 14, 16, 18	4.75
26 14, 16 1.80	5.40
28 14, 16 2.02	6.05
30 14, 16	6.91

BRASS HEXAGON NUTS Tapped U. S. Standard

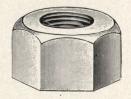


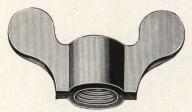
		Fig. 6419	Plain	Semi-Finished
No.	Size Threads to In	nch .	Per 100	Per 100
5189	3/8" 16		\$6.00	\$5.20
5190	7" 14		8.00	7.20
5191	1/2" 13		10.00	9.60
5192	5/9" 11		15.00	
5193	3/4" 10			17.00
5194	/ 7	······································	24.00	27.00
5195	7/8" 9		38.00	45.00
	8		60.00	68.00 •
5196	1 1/8"		65.00	75.00
5197	11/4" 7		110.00	126.50
5198	11/2" 6		216.00	250.00

CAST BRASS HEXAGON CAP NUTS Tapped U. S. Standard



No.	Size	Threads	Fig. 64≥1	Per 100
5199	3"	32		\$2.50
5200	1/4"	20		3.00
5201	5" 16	18		4.00
5202	3/8"	16		8.00
5203	1/2"	13		12.00

BRASS WING NUTS Tapped U. S. Standard



No.	Size	Threads to Inch	Fig. 6423	Per 100
5204	3"	32		\$1.80
5205	1/4"	20		2.25
5206	5"	18		2.23
5207	3/8"	16		5.50
5208	7"	14		
5209	1/2"	13		5.50

IRON SQUARE NUTS Galvanized Tapped U. S. Standard



No.	Size	Threads to Inch	Fig. 6425	Per 100
5210	1/4"	20		\$3.00
5211	5"	18		3.00
5212	3/8"	16		4.00
5213	$\frac{7}{16}$ "	14		4.00
5214	1/2"	13		5.00
5215	5/8"	11		8.00
5216	3/4"	10		10.00

BRASS WASHERS



No.	Size	Fig. 6427	Per 100
5217	3"		
5218	1/4"		\$1.25
5219	5"		1.50
5220	3/2"		2.00
5221	78		2.50
5222	16		4.00
	/2"		5.00
5223	2/8"		6.25
5224	3/4"		7.50
5225	7/8"		10.00
52251/2	1 "		12.00
Cop	oper Wa	ashers furnished to order.	12.00

WROUGHT IRON STAPLES

Galvanized

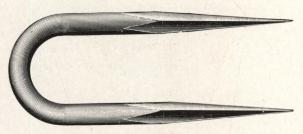


Fig. 6429

No.	Size	Per Gross
5226	3/4"	\$1.80
5227		1.80
5228	11/4"	2.00
5229	11/2"	2.25
5230	13/11	2.50
5231	2 "	3.00
5232	21/2"	4.00
5233	3 "	6.00
5234	31/2"	7.00
5235		vy13.00
5236	$4\frac{1}{2}$ " x $\frac{16}{16}$ " Extra Hear	vy17.00
5237		vy20.00
5238	$6 "x \frac{5}{16}" Extra Hear$	vy

WROUGHT IRON PLATE STAPLES

Galvanized

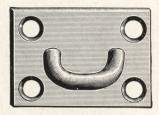


Fig. 6431

No.	Size	Per D	ozen
3	11/2" x 11/8"		\$.20
6	17/8" x 11/4"		.23
8	2 "x 11/2"		.30
10	23/4" x 2"		.38

LEADERS FOR WHEEL ROPE

For Use on Steamboats, Under the Deck

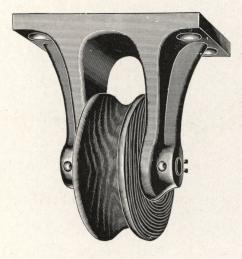


Fig. 6433

No. 5239 Lignumv	tae Roller 23/4" Dia.	x 11/8"	thick	Each \$.75
Galvanized Ir	on Frame.			

IRON STEERING GEAR LEADERS For Steamboats Galvanized

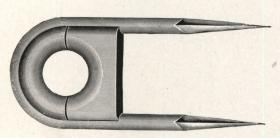


Fig. 6435

No.	Width Overall	Height from Base of Eye		Length Overall	Per Doz.
5240	23/8"	21/4"	3/4"	41/2"	\$5.00
Lo	nger Staples fo	urnished to	order.		

IMPROVED TAFFRAIL-LOG

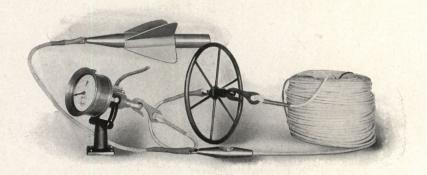


Fig. 6437

No.	Each
5241	Complete with line, rotator, balance wheel, two rail, sockets, and three extra glasses\$45.00
5242	Extra Rotator 8.00
5243	Extra Line 10.00

In our improved Taffrail-log, the navigator will find a recording instrument that will meet with all expectations. The gears in the clock work are of such dimensions as to allow for years of wear. All strain on the log is taken up by the main shaft, which runs in ball bearings and hardening steel races, and is not communicated to any part of the clock work, thereby securing a uniform motion and eliminating practically all wear on the gears.

Particular attention has been paid to all wearing parts such as the links connecting the line, balance wheel and the log. These parts are made of phosphor bronze, thereby reducing wear to a minimum.

LIQUID COMPASSES For Motor Boats



No.	Dia. of Dial	Size of Box	Fig. 6439	Each
1	2 "	43/4" x 43/4"		\$6.00
2	21/2"	51/4" x 51/4"		9.00
3	3 "	6 "x6"		11.00
4	4 "	71/2" x 71/2"		18.00°
5	5 "	91/8" x 91/8"		25.00

IMPROVED LIQUID COMPASSES Flat Card

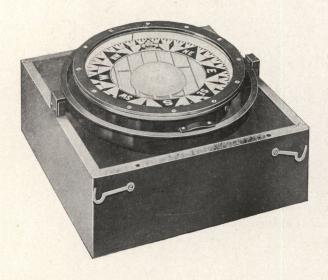


Fig. 6441

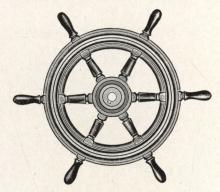
No.	Size	Each
5244	9" Card Compass	\$47.00
5245	8" Card Compass	
5246	7" Card Compass	
5247	6" Card Compass	
5248	5" Card Compass	
5249	4" Card Compass	
5250	3" Card Compass	

Divided to 1/4 points or degrees, gimbal ring in mahogany box.

The Cards in these compasses are made with a central buoy supporting six (6) magnetic needles incased in the lower cylindrical part of the buoy; thereby reducing friction to a minimum.

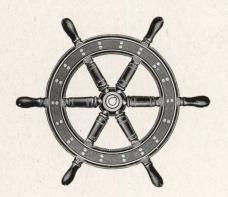
We can furnish these cards divided in one-quarter points, and in degrees from 0° to 90° in four quadrants or 0° to 360° .

WOOD STEERING WHEELS



No.	Diameter	Fig. 6443	Each
5251	2.0"		\$26.00
5252	24"		29.00
5253	28"		35.00
5254	30"		38.00
5255	36"		72.00
5256	42"		89.00

All Mahogany or Mahogany Rim with Locust Spokes, and Brass Cheek. Finished with Three Coats of Spar Varnish.





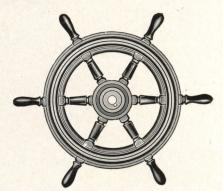


Fig. 6447

No.	Diameter	Plugged Each	Each
5257	20"	\$23.00	\$25.00
5258	24"	26.00	28.00
5259	28"	32.00	35.00
5260	30"	36.00	38.00
5261	32"	39.00	42.00
5262	34"	41.00	44.00
5263	36"	56.00	63.00
5264	42"	67.00	71.00
5265	48"	76.00	80.00

All Mahogany or Mahogany Rim with Locust Spokes. Finished with Three Coats of Spar Varnish. Fig. No. 6445 is Plugged.

Fig. No. 6447 is Inlaid.

WOOD STEERING WHEELS

For Tugs and Steamboats

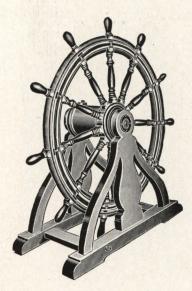
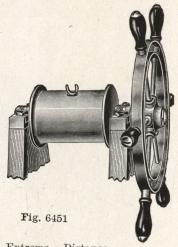


Fig. 6449

No.	Diameter		Plugged Each	Inlaid Each
5266	24"	/	\$50.00	\$52.00
5267	30"		60.00	63.00
5268	36"		70.00	74.00
5269	42"		75.00	79.00
5270	48"		80.00	84.00
5271	54"		90.00	94.00
5272	60"		96.00	102.00
5273	66"		102.00	108.00
5274	72"		112.00	120.00

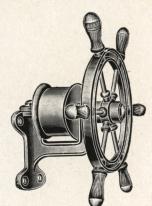
These Wheels are made all Mahogany or Mahogany Rim with Locust Spokes and Ash Frames. Finished with Three Coats of Spar Varnish.

GALVANIZED DRUM STEERERS With Galvanized Iron Drum and Brass Clamp for Wheel Rope



No.	Diameter of Wheel	Diameter of Drum	Extreme Length of Drum	Distance from Box to Wheel	Each
4	20"	41/4"	7"	1 "	\$9.00
5	22"	41/2"	8"	11/3"	11.00
6	25"	6 "	9"	11/2"	13.50
7	28"	61/2"	11"	13/4"	16.50
8	30"	7 "	13"	2 "	22.00
9	36"	8 "	15"	21/4"	28.50
10	42"	9 "	17"	21/4"	33.50
	Steerers f	itted with	wood wl	neels, or wo	ood drums, to order.

BRACKET STEERERS Galvanized Iron with Wood Drum



No.	Diameter of Wheel	Diameter of Drum	Fig. 6453	Each
1	20"	4 "		\$10.00
2	22"	4 "		12.00
3	25"	41/2"		17.00
4	28"	6 "		25.00
5	30"	6 "		28.00

CAST BRASS STEERING WHEELS Polished

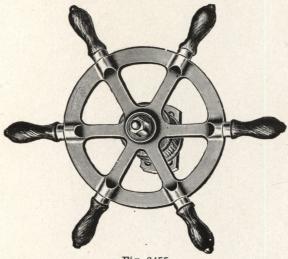


Fig. 6455

No.	Size of Wheel	Diameter of Drum	Length of Drum	Each
5274	12"	21/2"	3 "	\$6.00
5275	16"	3 "	31/2"	7.00
5276	20"	4 "	41/2"	15.00
5277	25"	4 "	6 "	20.00

IRON STEERING WHEELS Galvanized

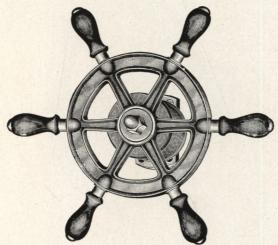


Fig. 6457

No.		Diameter of Drum	Length of Drum	Each
5278	12"	21/2"	3 "	\$2.75
5279	16"	3 "	31/2"	3.45
5280	20"	4 "	41/2"	 8.30

SIDE STEERING WHEELS Iron and Brass

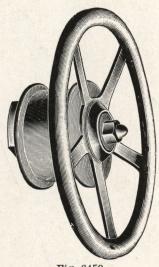


Fig. 6459

	Size	Diameter	Length	Galv. Iron	Pol. Brass
No.	of Wheel	of Drum	of Drum	Each	Each
5281	6"	21/2"	2 "	\$4.50	\$5.50
5282	9"	3'"	2 "	5.00	6.00
5283	12"	31/2"	31/2"	8.00	10.00

SIDE STEERING WHEELS Wood Rims and Polished Brass Spokes

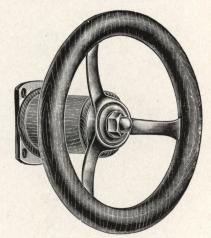


Fig. 6461

No.	Size of Wheel	Diameter of Drum	Length of Drum	Each
5284	71/2"	21/2"	2 "	\$5.00
5285	101/2"	3'"	2 "	6.00
5286	13 "	31/2"	31/2"	10.00
5287	16 "	4"	31/2"	12.00

SIDE STEERING LEVERS



Length Diameter Length of Lever of Drum of Drum 8" 3" 2"

No.

5288

Fig. 6463

Each \$3.00

BRASS SIDE AUTO STEERERS Mahogany Rim

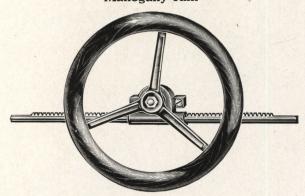
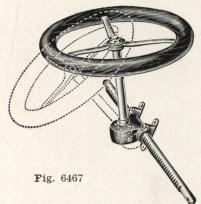


Fig. 6465

			0.	(2017년 1일 대학생 기업	
No.	Diameter of Wheel	Dimensions of Rack	Diameter of Shaft	Space Required for Fastening	Each
0	101/4"	18" x 5/8"	5/8"	31/4" x 21/2"	\$6.00
1	13 "	20" x 3/4"	3/4"	31/2"x3"	7.50
2	13 "	22"x1"	7/8"	33/4" x 31/2"	9.00

BRASS AUTO STEERERS Mahogany Rim-Light Pattern



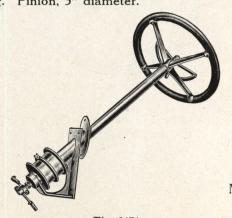
No.	Diameter of Wheel	Dimensions of Rack	Dimensions of Shaft	Space Lequired for Fastening	Each
0	101/4"	18" x 5/8"	8" x 5/8"	$3\frac{1}{2}$ " x $2\frac{1}{2}$ "	\$7.00
1	13 "	20" x 3/4"	11" x 3/4"	41/4" x 3 "	9.00
2	13 "	22"x1"	12" x 7/8"	5 "x 31/2"	11.00

AUTO BOAT STEERERS



Model A

Rack, 21" long. Pinion, 3" diameter.



Model B

	04/1
No. 5290 With No. 1 Wheel—Model	B\$30.00
Column same as Model A.	

Drum, $3\frac{1}{2}$ " diameter, hollow brass with dividing rim and tiller rope clamp.

rig. 6473	
No. 5291 With No. 1 Wheel—Model C	Each \$35.00
Same as Model B with direct Spark and Throttle Control	

The special features of these Steerers are strength and correct mechanical construction. The pinion, or drum (as the case may be), is keyed firmly to a heavy brass steering post between an upper and lower bearing. This divides the strain and makes for an easy working steerer. Spark and throttle controls are incorporated in the steerer, controlling levers of the smooth friction type being conveniently placed inside the wheel. The bracket is of ample size and rigidly braced. All metal parts are of brass with exposed surfaces highly polished.

AUTO TYPE STEERER with ALUMINUM SCORED DRUM



No. of Wheel 5292

Each \$28.00

Wheel is Maple, Mahogany finish.

Controls Smooth Friction. Inclination 45°, 60°, 90°.

The Scored Drum eliminates the pinning or fastening of tiller lines, as the scores or grooves on the drum are tapered, necessitating only one turn of the tiller line to fasten it, as the tapered scores grip the line tigher as the strain on it is increased.

EDSON SELF-ADJUSTING QUADRANT STEERER Galvanized



Fig. 6477

Quadrant Diameter Quadrant No. of Wheel Circle Radius 24" 91/4" 111/2" 1 181/2" Prices on application 2 28" 23

Center of Rudder Head to Wheel, No. 1-21". No. 2-25". Inside of Wheel to forward Bearing, No. 1-10". No. 2-12".

EYES ON PLATES Galvanized Iron and Polished Brass



No Die of E	Galv. Iron	Pol. Brass
No. Dia. of Eye	Per Doz.	Per Doz.
1 3/8"	\$.50	\$1.75
2 5/8"	60	2.00
3 3/4"	75	3.00

FAIR LEADERS ON PLATES Galvanized Iron and Polished Brass



		Fig. 6481	Galv. Iron	Pol. Brass
No.	Size of Sheave		Per Doz.	Per Doz.
1	1/4" x 5/8"		\$1.50	\$3.00
2	3/8" x 3/4"		2.50	3.50
3	$1/2'' \times 1''$		3.00	4.50

SIDE PULLEYS Galvanized Iron and Polished Brass



No.	Size of Sheave	alv. Iron Per Doz.	Pol. Brass Per Doz.
10	1/4" x 5/8"	\$1.50	\$3.00
11	3/8" x 3/4"	 2.50	3.50
13	1/2" x 1 1/4"	3.00	4.50 5.75
14	$\frac{1}{2}$ " x $\frac{1}{2}$ "		7.50

DECK HALYARD BLOCKS Cast Iron and Brass

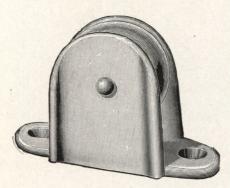


Fig. 6485

No. D	ia. of Rope Size of Sheave	Galv. Iron Each	Pol. Brass Each
000	1/4" 1 "	\$.13	\$.75
0	5" 11/4"	.15	.80
1	3/8" 11/2"	.20	.90
3	1/2" 2"	.30	1.50
5	5/8" 21/2"	.55	2.00
7	3/4" 3"	1.00	2.75

DECK HALYARD BLOCKS Cast Iron and Brass

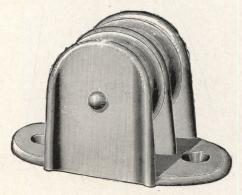


Fig. 6487

No. Dia. of Rope Size of Sheave	Galv. Iron Each	Pol. Brass Each
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$.35	\$1.25 2.25
4 1/2" Z "X /8"		

CHEEK HALYARD BLOCKS Cast Iron and Brass

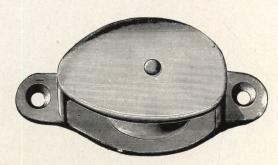


Fig. 6489

No.	Dia. of Rope Size of Shea	ve Galv. Iron Each	Pol. Brass Each
0	1/4" 11/8" x 3/8	<i>"</i> \$.25	\$.75
1	$\frac{5}{16}$ " $1\frac{1}{4}$ " x $\frac{7}{16}$	"	.85
2	$\frac{3}{8}$ " $\frac{1}{2}$ " x $\frac{1}{2}$	<i>"</i>	.95
3	$\frac{1}{2}$ " 2 "x $\frac{5}{8}$	<i>"</i>	1.20
4	$\frac{5}{8}$ " $\frac{21}{2}$ " x $\frac{3}{4}$	<i>"</i>	
5	3/4" 3 "x 1/8	<i>"</i>	2.90
0	/8" 31/2" x l	"	

CHEEK HALYARD BLOCKS Cast Iron and Brass

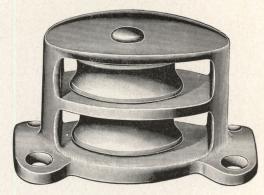


Fig. 6491

No.	Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
11	$\frac{5}{16}''$	11/4" x 7"	\$.55	\$1.25
12	3/8"	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	.70	1.40
13	1/2"	2 "x 5/8"	1.05	2.00

WIRE ROPE CHEEK BLOCKS Malleable Iron and Cast Brass



Fig. 6493

No.	Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
1	1/4" and 5"	17/8" x 7/6"	\$.35	\$1.05
2	$\frac{5}{16}$ " and $\frac{3}{8}$ "	3 "x ½"		2.00
3	$\frac{3}{8}$ " and $\frac{7}{16}$ "	4 "x 5/8"	.95	3.60
4	1/2" and 5/8"	5 "x ½5"	2.00	6.50
5	3/4"	6 "x1"	3.40	13.25

WIRE ROPE DECK BLOCKS Malleable Iron and Cast Brass

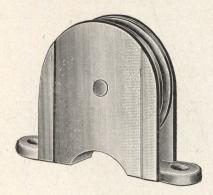


Fig. 6495

No.	Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
1	$\frac{1}{4}''$ and $\frac{5}{16}''$	17/8" x 7/16"	\$.40	\$.90
2	$\frac{5}{16}$ " and $\frac{3}{8}$ "	3 "x ½"		1.80
3	$\frac{3}{8}$ " and $\frac{7}{16}$ "	4 "x 5/8"	1.60	3.25
4	1/2" and 5/8"	5 "x ½5"	3.00	4.70
5	3/4"	6 "x1"	4.50	8.65

WIRE ROPE PULLEYS Malleable Iron and Cast Brass



Fig. 6497

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0.00	1		- 3	

No.	Size of Sheave	Diameter of Rope	Galv. Iron Each	Plain Brass Each
1	$11/32'' \times 21/2''$	3 "/ 16"	\$.50	\$.75
2	$7/16'' \times 31/4''$	1/4"		1.10
3	$9/16'' \times 41/2''$	$\frac{5}{16}$ " and $\frac{3}{8}$ "	1.50	2.25
		Upright Dou	ble	
1	$11/32'' \times 21/2''$	3"	1.00	1.50
2	$7/16'' \times 31/4''$	1/4"	1.50	2.20
3	$9/16'' \times 41/2''$	$\frac{5}{16}$ " and $\frac{3}{8}$ "	3.00	4.50

WIRE ROPE PULLEYS Malleable Iron and Cast Brass

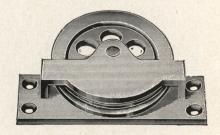


Fig. 6499

Sid	0	-	200	0
DIU				

			Galv. Iron	Plain Brass
No.	Size of Sheave	Diameter of Rope	Each	Each
11	$11/32'' \times 21/2''$	$\frac{3}{16}''$	\$.50	\$.75
12	$7/16'' \times 31/4''$	1/4"		1.10
13	$9/16'' \times 41/2''$	5 and 3/8"	1.50	2.25
		Side Double		
11	$11/32'' \times 21/2''$	3"	1.00	1.50
12	$7/16'' \times 31/4''$	1/4"	1.50	2.20
13	$9/16'' \times 41/2''$	$\frac{5}{16}''$ and $\frac{3}{8}''$	3.00	4.50

MALLEABLE IRON STEERING ROPE BLOCKS on PLATES Galvanized



Fig. 6501

No. I	Length of Shell	Size of Sheave	E	ach
3	13/4"	1 "x 11/32"	Swivel Eye\$.	.20
5	2 "	$1\frac{3}{8}$ " x $3/8$ "	Swivel Eye	.23
7	21/4"	1½"x 1/2"	Swivel Eye	.25
9	23/4"	13/4" x 1/2"	Stiff Eye	45
11	3 "	2 "x 5/8"	Stiff Eye	.55

CAST BRASS SWIVEL TILLER ROPE LEADERS Plain



Fig. 6503

No.	For Rope	Size of Sheave	Size of Base	Each
1	1/4" or 5/16"	$1\frac{7}{8}$ " x $\frac{7}{16}$ "	21/4" x 11/2"	\$.50
2	5" or 3/8"	$3 "x \frac{9}{16}"$	31/2" x 21/8"	1.00

CENTERBOARD BLOCKS Malleable Iron and Cast Brass Common Sheave

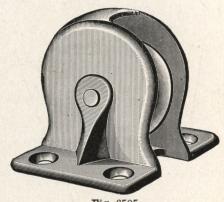


Fig. 6505

No.	Size of Sheave	Dia. of Rope	Galv. Iron Each	Plain Brass Each
1	1/2" x 11/2"	3/8"	\$.35	\$.65
2	5/8" x 2 "	1/2"	.70	1.25

IRON WIRE ROPE BLOCKS Galvanized



Fig. 6507

No.	Size of Sheave	Length of Shell		F	Each
5293	1/2" x 4"	5"	5"	With Eye\$1	.00
5294	1/2" x 4"	5"	5"	With Eye and Becket 1	.00
5295	1/2" x 4"	5"	5"	With Wrought Single Hook1	.25

TACKLE BLOCKS

Malleable Iron and Cast Brass

Single

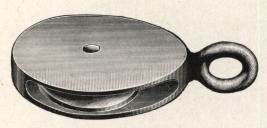


Fig. 6509

No.	Length of Shell	Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
0	11/8"	3"	3/4" x 5"	\$.05	\$ 17
1	13/8"	3"	3/4" x 5"	.05	23
3	15/8"	1/4"	1 "x 11/32"	.07	33
5	2 "	5"	13/8" x 7"	.11	45
7	21/4"	3/8"	11/2" x 1/2"	.16	50
9	23/4"	7 "	13/4" x 1/2"	.25	70
11	3 "	1/2"	2 "x 5/8"		.96
13	33/4"	5/8"	21/2" x 3/4"	.62	.,0
15	43/4"	3/4"	3 "x 7/8"		

Double



Fig. 6511

No.	Length of Shell	Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
00	1 "	1/8"	3/4" x 5"	\$.06	\$.23
2	13/8"	3"	$\frac{3}{4}'' \times \frac{5}{16}''$.09	.29
4	13/4"	1/4"	1 "x 11/32"		.44
6	2 "	$\frac{5}{16}''$	13/8" x 3/8"		.58
8	21/4"	3/8"	1½"x½"		.70
10	3 "	$\frac{7}{16}$ "	13/4" x 1/2"		.92
12	31/4"	1/2"	2 "x 5/8"		1.16
14	4 "	5/8"	21/2" x 3/4"		
16	5 "	3/4"	3 "x 7/8"	1.12	

Furnished with Patent Roller Sheaves to order.

TACKLE BLOCKS

Malleable Iron and Cast Brass Single



Fig. 6513

No.	Length of Shell Dia	of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
01/2	11/8"	3"	3/4" x 5"	\$.05	\$.17
11/2	13/8"	3"	$\frac{3}{4}'' \times \frac{5}{16}''$.23
31/2	15/0"	1/4"	1 "x 11/3	32"	.33
51/2	2"	5"	13/8" x 7"	.11	.45
71/2	21/4"	3/8"	11/2" x 1/2"	.16	.50
91/2	23/1"	7 "	13/4" x 1/2"	.25	.70
111/2	3 "	1/2"	2 "x 5/8"	.29	.96
131/2	33/4"	5/8"	21/2" x 3/4"	.62	
151/2	41/2"	3/4"	3 "x 7/8"	.90	

Double



Fig. 6515

No.	Length of Shell Dia. of Rope	Size of Sheave	Galv. Iron Each	Pol. Brass Each
001/2	11/8" 1/8"	3/4" x $\frac{5}{16}$ "	\$.06	\$.23
21/2	$13/8''$ $\frac{3}{16}''$	$\frac{3}{4}'' \times \frac{5}{16}''$.09	.29
41/2	15/8" 1/4"	1 "x 11/32"		.44
61/2	2" 5"	13/8" x 3/8"		.58
81/2	21/4" 3/8"	11/2" x 1/2"		.70
101/	$\frac{23}{4}$ " $\frac{7}{16}$ "	1 2 / 1 / 1 / 11		.92
10/2	31/4" 1/2"	2 "x 5/8"	.41	1.16
141/2	4" 5/8"	21/11-3/11	.77	
14/2		3 "x 7/8"	1 12	
16/2	43/4" 3/4"	3 X 1/8	1.12	

Furnished with Patent Roller Sheaves to order.

SWIVEL EYE BLOCKS

Malleable Iron and Cast Brass

Single

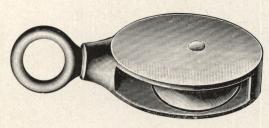


Fig. 6517

No.	Length of Shell	Dia. of Rope	Size of Sheave	Galv. Iron Per Doz.	Pol. Brass Per Doz.
000	7/8"	$\frac{3}{16}''$	⁹ / ₁₆ " x ⁵ / ₁₆ "	\$.55	\$2.00
1	13/8"	$\frac{3}{16}$ "	$\frac{3}{4}$ " x $\frac{5}{16}$ "		2.70
3	13/4"	1/4"	1 "x11/32"	.90	4.00
5	2 "	5 "	13/8" x 3/8"	1.40	5.25
7	21/4"	3/8"	1½" x ½"	2.00	6.00

Double

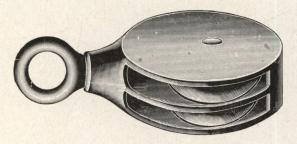


Fig. 6519

No.	Length of Shell Dia	a. of Rope	Size of Sheave	Galv. Iron Per Doz.	Pol. Brass Per Doz.
0000	7/8"	3"	$\frac{9}{16}'' \times \frac{5}{16}''$	\$.70	\$2.70
2	13/8"	$\frac{3}{16}''$	$\frac{3}{4}$ " x $\frac{5}{16}$ "	1.10	3.50
4	13/4"	1/4"	1 "x 11/32"	1.60	5.25
6	2 "	$\frac{5}{16}$ "	13/8" x 3/8"	2.25	7.00
8	21/4"	3/8"	1½"x½"	2.80	8.50

LOOSE HOOK BLOCKS

Wrought Iron Hooks—Malleable Iron Shells Galvanized

Single

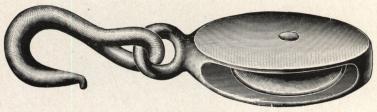


Fig. 6521

	Length			
No.	of Shell	Dia. of Rope	Size of Sheave	Each
1	13/8"	3"	3/4" x 5"	\$ 19
3	15/8"	1/4"	1 "x 11/32"	.22
5	2 "	5"	13/8" x 7"	.25
7	21/4"	3/8"	11/2" x 1/2"	.31
9	23/4"	7 "	13/4" x 1/2"	.43
11	3 "	1/2"	2 "x 5/8"	.48
13	33/4"	5/8"	21/2" x 3/4"	.75
15	43/4"	3/4"	3 "x 7/8"	1.10

Double

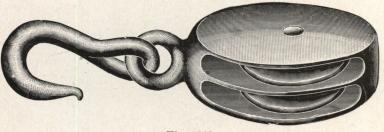


Fig. 6523

	Length				
No.		Dia. of Rope	Size of Sheave		Each
2	13/8"	3"	3/4" x 5"		\$.23
4	13/4"	1/4"	1 "x 11/32	2"	.27
6	2 "	5"	13/8" x 3/8"		
8	21/4"	3/8"	11/2" x 1/2"		.38
10	3 "	7/1	13/4" x 1/2"		.50
12	31/4"	1/2"	2 "x 5/8"		
14	4 "	5/8"	21/2" x 3/4"		.95
16	5 "	3/4"	3 "x 7/8"		1.35
	TL - L	D11	11 D 1	D (1	

The above Blocks with Becket in Bottom furnished, same price.

Double

LIGNUMVITAE OR ASH SHELL YACHT BLOCKS

Single

7

Oval Edge

Brass Riveted

Galvanized Iron Straps

With Loose Hooks, Sister Hooks, Stiff Front Hooks, Punched Eyes for Gaff, Rings or Shackles

Fig. 6525

No.	Size, inches	PLAIN GALVANIZED SHEAVES			ROLLER BUSHED GAL- VANIZED OR PLAIN COMPOSITION SHEAVES			ROLLER BUSHED COM- POSITION SHEAVES		
inches		Single, each	Double, each	Triple,	Single, each	Double,	Triple,	Single, each	Double, each	Triple, each
5296 5297	3 3 1/2	\$0.95 1.00	\$1.50 1.65	\$2.85 3.00	\$1.30 1.40	\$2.20 2.35	\$3.90 4.20	\$1.50 1.60	\$2.60 2.75	\$4.50 4.80
5298 5299	4 4 1/2	1.05	1.75	3.15 3.30	1.50	2.50 2.75	4.50 4.80	1.75	3.00	5.25 5.55
5300 5301	5 6	1.20 2.30	2.00 3.90	3.60 6.90	1.75 2.70	3.00 4.75	5.25 8.10	2.10 3.25	3.70 5.85	6.30 9.75

Dimensions of Yacht Blocks

Length Shell, Inches	Diameter Sheave, inches	Thickness Sheave, inches	Width Mortise, inches
3	13/4	1/2	9/16
31/2	2	5/8	11/16
4	21/4	5/8	11/16
41/2	23/4	3/4	13/16
5	3	3/4	7/8
0	31/2		11/8

Extras on Yacht Blocks

1	Vet, each	
Loose Swivel Screw Eye Bolts	.\$0.75	Loose S
Stiff Side or Front Hooks	. 1.25	Brass S
Side Shackles		Univer
Side Rings	75	Eyes
Reversed Eye Sister Hooks	25	Anchor
Upset Swivel Shackles	. 2.00	Colema
Pig Tail Hooks	75	Metalin
Stiff Swivel Hooks	. 1.00	head

Net, each
Loose Swivel Hooks\$0.75
Brass Swivel Deck Attachments 1.00
Universal Swivel Jaws, with Double.
Eyes for Guys 4.00
Anchor Trip Hooks 2.50 to 4.00
Coleman Hooks50
Metaline Bushed Sheaves, use lists
headed Roller Bushed 50



REGULAR INSIDE IRON STRAPPED BLOCKS



Double Fig. 6527



No.	DIMENS	IONS		IF	IRON BUSHED IMPRO			MPROVE LER BUS		
	Size Sheave, inches	Rope,	Length Shell, inches	Single, each	Double, each	Triple,	Single, each	Double, each	Triple,	
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313	134 x 1/2 x 3/8 2 x 1/2 x 3/8 214 x 5/8 x 3/8 3 x 3/4 x 3/8 31/2 x 1 x 1/2 41/4 x 1 x 1/2 43/4 x 11/8 x 5/8 51/2 x 11/8 x 5/8 61/4 x 11/4 x 3/4 8 x 13/8 x 3/4 9 x 11/2 x 3/4	11/8	3 3½ 4 5 6 7 8 9 10 11 12	\$0.70 .75 .85 .90 1.10 1.30 1.65 1.85 2.75 4.45 4.45 7.00	\$1.30 1.45 1.60 1.75 2.00 2.40 2.85 3.40 4.50 7.50 7.50 10.50	\$1.75 2.00 2.15 2.25 2.90 3.50 4.25 4.75 6.25 10.65 10.65 15.00	\$1.10 1.15 1.20 1.25 1.50 1.70 2.25 2.50 3.50 5.30 8.15	\$2.00 2.20 2.25 2.35 2.85 3.35 4.15 4.70 6.00 9.20 9.20 9.20 12.80	\$2.90 3.15 3.25 3.50 4.40 5.00 6.00 7.25 8.50 13.20 13.20 18.45	
5314 5315 5316	9½ x 15% x 78 10 x 15% x 78 11 x 134 x 78	13/8	14 15 16	7.00 8.00 10.00	10.50 13.00 15.00	15.00 18.00 22.00	8.15 9.25 11.50	12.80 15.50 18.00	18.45 21.75 26.50	

EXTRAS—Net List for Galvanizing Block Straps and Hooks

	PRICE PER EACH BLOCK										
Length Shell, inches	Single, each	Double, each	Triple,	Snatch Block, each	Length Shell, inches	Single each	Double, each	Triple, each	Snatch Block, each		
3	\$0.04	\$0.06	\$0.10		10	\$0.28	\$0.38	\$0.50	\$0.65		
3½ 4	.04	.06	.10		11 12	.35	. 45	. 60	.90		
5	.06	.08	.12	\$0.20	13	. 55	.75	1.00	1.20		
7	.12	.15	. 18	7.25	14	.75	.95	1.25			
8 9	.16	.21	.30	.35	16	. 85	1.20	1.50	2.00		

STEEL TACKLE BLOCKS

With Loose Side Hooks





Double



Triple



Fig. 6529

	DIN	MENSI	ONS	IRC	ON BUSH	HED		MPROVE LER BUS		OR BUS		
No.	Sh'ves,	For Di. Rope, inches		Single, each	Double, each	Triple, each	Single, each	Double, each	Triple,	Single, each	Double, each	Triple,
5317 5318 5319 5320 5321 5322 5323 5324	1 3/4 2 1/4 3 3 1/2 4 1/4 4 3/4 5 1/2 6 1/4	3/8 1/2 5/8 3/4 7/8 1 1 1 1/8	3 4 5 6 7 8 9	\$0.70 .85 .90 1.10 1.30 1.65 1.85 2.75	\$1.30 1.60 1.75 2.00 2.40 2.85 3.40 4.50	\$1.75 2.15 2.25 2.90 3.50 4.25 4.75 6.25	\$1.10 1.20 1.25 1.50 1.70 2.25 2.50 3.50	\$2.00 2.25 2.35 2.85 3.35 4.15 4.70 6.00	\$2.90 3.25 3.50 4.40 5.00 6.00 7.25 8.50	1.50 1.75 2.20 2.50 3.25 3.70 4.75	\$2.90 3.35 4.00 4.50 5.70 6.75 8.50	\$4.15 4.75 5.80 6.70 8.50 10.00 12.50

Use the "Iron Bushed" lists for Self-Lubricating Iron Bushed Blocks.

They are lighter than wood blocks and equally strong. As there is no danger of shells splitting, they are more durable. Shells have nicely rounded edges to protect rope.

Sheaves are same sizes as used in Regular Wood Shell Blocks—see page 384.

STEEL SHELL SNATCH BLOCKS

Drop Link



Fig. 6531

Self-Locking



Fig. 6533

Bail



Fig. 6535

Swivel Eye



Fig. 6537

No.	Size Sheave, inches	For Dia. Rope, inches	Length Shell, inches	Iron Bushed, each	Self- Lubricating Iron Bushed, each	Improved Roller Bushed, each	Phosphor Bronze, or Metaline Bushed, each
5325	3 x 1½x ½	7/8	6	\$4.00	\$4.00	Φ1 (E	ΦF 25
5326	$3\frac{1}{2} \times 1\frac{1}{4} \times \frac{1}{2}$	7/8	7	4.75	4.75	\$4.65	\$5.25
5327	$4\frac{1}{2}$ x $1\frac{3}{8}$ x $\frac{5}{8}$	1 /8	8			5.50	6.00
5328		11/		5.75	5.75	6.60	7.25
5329	5 x 13/8 x 5/8	1/8	9	6.75	6.75	7.75	8.50
Contract of the Contract of th	$5\frac{3}{4}$ x $1\frac{7}{8}$ x $\frac{3}{4}$	1/4	10	8.50	8.50	10.00	11.00
5330	$6\frac{3}{4} \times 2\frac{1}{8} \times \frac{3}{4}$	11/2	12	10.00	10.00	11 50	13.00
5331	$8 \times 2\frac{1}{4} \times \frac{7}{8}$	13/4	14	13.00		15.00	16.50
5332	$9 \times 2\frac{5}{8} \times 1$	2	16	17.00		20.00	22.00
5333	10 x 3 x 1 ½	21/4	18*	25.00		28.50	31.00
5334	$11 \times 3\frac{1}{2} \times 1\frac{1}{4}$	21/2	20	38.00		43.00	Carl Carl State Control of the Carl Carl Carl Carl Carl Carl Carl Carl
5335	$11\frac{3}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$	3	22	55.00			46.00
5336	$12\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$		10 00 10 10 10 10 10 10 10 10 10 10 10 1			63.00	68.00
5337		31/2	24	70.00		78.00	86.00
1001	$14 \times 4\frac{3}{4} \times 1\frac{3}{4}$	4	26	90.00			110.00

Styles No. 6535 and No. 6533 furnished with sheaves for wire rope, to order. Edges of shells nicely rounded. Drop forged heads and links. Furnished with round hooks when desired.

^{*}Discount changes for sizes 18 inch and larger.

Use the "Improved Roller Bushed" lists for blocks with five-roller bushed sheaves.

WIRE ROPE BLOCKS

Shackles

Single



Double

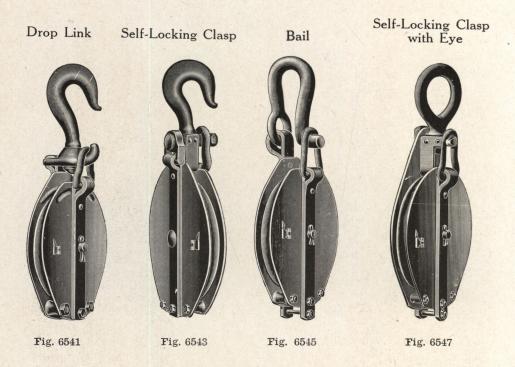


Fig. 6539

No.	DIMENSION	1S	IR	ON BUSH	HED	ME	HOR BRO FALINE S CATING 1	ELF-
	Size Sheave, inches	For Dia. Rope, inches	Single, each	Double, each	Triple, each	Single, each	Double, each	Triple
5338	6 x 1 x 3/4	1/2	\$9.00	\$14.00	\$18.00	\$12.00	\$20.00	\$28.0
5339	8 x 1 ½ x 7/8	5/8	11.00	16.00	22.50	14.00	22.00	32.0
5340	$10 \times 1\frac{1}{4} \times \frac{7}{8}$	5/8	14.00	20.00	28.00	17.00	26.00	37.0
5341	12 x 1 ½ x 1	3/4	16.00	23.00	31.00	19.00	29.00	41.0
5342	14x1½x11/8	7/8	18.00	25.00	36.00	21.00	31.00	45 0

With Malleable Iron Shells. Forged Steel Shackles and Straps Sides and Middles of Shell Rounded to Protect Rope

WROUGHT IRON SNATCH BLOCKS FOR WIRE ROPE



			P	Phosphor Bronze or Metaline Bushed		
No.	Dia. of Sheave	Dia. of Rope	Iron Bushed Each			
5343	6"	3/8"	\$11.00	\$12.00		
5344	8"	1/2"	14.00	15.00		
5345	10"	5/8"		18.00		
5346	12"	5/8"	18.00	21.00		
5347	14"	3/4"	20.00	24.00		
5348	16"	7/8"	28.00	33.00		
5349	18"	1 "	38.00	44.00		
5350	20"	11/4"	50.00	58.00		
5351	20"	11/2"	70.00	78.00		

Fig. No. 6541 has semi-circular guard pressed in shell over sheave to prevent wire slipping between shell and sheave.

Fig. Nos. 6543 and 6547 have center extension piece coming close to the sheave, preventing the wire rope from leaving the sheave. It also prevents the shell from binding or pinching the sheave.

METAL CARGO HOISTING BLOCKS

Swivel Hook



Fig. 6549

Swivel Shackle



Fig. 6551

Phosphor Bronze or Metaline Bushed, Self-Lubricating

No.	Size of Sheave	For Diameter Manila Rope		Each
5352	8" x 15/8" x 3/4"	11/4"	10 "	\$10.50
5353	9" x 15/8" x 3/4"	11/4"	111/2"	
5354	10" x 13/4" x 7/8"	11/2"	121/2"	
5355	12" x 1 1/8" x 7/8"	11/2"	14 "	20.00
5356	14" x 17/8" x 1 "	11/2"	17 "	26.00

All Metal Block, with Galvanized Malleable Iron Frame, Wrought Iron Hook and Strap, Galvanized Iron Sheave fitted with Self-Lubricating Side Bearings.

Edges of shell so turned as to prevent cutting the rope. In ordering, state whether blocks are to carry Manila or Wire Rope. Fig. No. 6549 furnished with round hooks when desired.

IRON SHEAVES

Iron Bushed

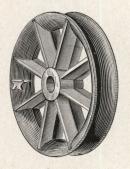


Fig. 6553

Improved Roller Bushed

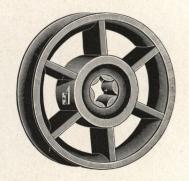
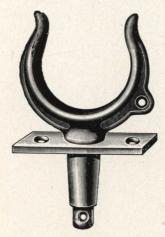


Fig. 6555

No.	Size of Sheave	For Block	Iron Bushed Roll Each	Improved ler Bushed Each
5357	13/4" x 1/2" x 3/8"	3 "	\$.09	\$.40
5358	2 "x 1/2" x 3/8"	31/2"	.10	.42
5359	21/4" x 5/8" x 3/8"	4 "	.12	.45
5360	23/4" x 3/4" x 3/8"	41/2"	.15	.50
5361	3 "x 3/4" x 3/8"	5 "	.20	.55
5362	3½"x1 "x ½"	6 "		.65
5363	41/4" x 1 "x 1/2"	7 "	.30	.75
5364	43/4" x 11/8" x 5/8"	8 "	.35	1.00
5365	5½" x 1½" x 5/8"	9 "	.45	1.10
5366	61/4" x 11/4" x 5/8"	10 "	.55	1.35
5367	71/4" x 11/4" x 3/4"	11 "		1.65
5368	8 "x13/8" x 3/4"	12 "	.90	1.90
5369	9 " $\times 11/2$ " $\times 3/4$ "	13 "	1.20	2.40
5370	9½"x15/8"x 7/8"	14 "	1.40	2.65
5371	$10 \text{ "x } 1\frac{5}{8}\text{"x } \frac{7}{8}\text{"}$	15 "	1.50	2.85
5372	11 "x 13/4" x 7/8"	16 "	1.70	3.20
5373	$12 \text{ "} \times 2\frac{5}{8}\text{"} \times 1\frac{1}{8}\text{"}$	18 "	6.00	11.00
5374	13½" x 2½" x 1½"	20 "	7.00	13.00
5375	$14\frac{1}{2}$ " x $3\frac{3}{8}$ " x $1\frac{1}{2}$ "	22 "	9.50	17.00
5376	$15\frac{1}{2}$ " x $3\frac{7}{8}$ " x $1\frac{1}{2}$ "	24 "	14.00	27.00

CAST IRON RIBBED SOCKET ROWLOCKS Galvanized



	Size Between	Fig. 6557	
No.	Horns		Per Pair
0	13/4"		\$.15
1	2 "		20
2	21/4"		30
3	25/8"		50
4	3 "		.65

STANDARD SOCKET ROWLOCKS Malleable Iron and Brass



No. S	Size Between Horns	Fig. 6559	Galv. Iron Per Pair	Pol. Brass Per Pair
0	13/4"		\$.30	\$1.25
2	21/."			1.40
3	21/2"	A	.65	2.00
4	3 "			3.25

CAST BRASS STANDARD ROWLOCK Polished

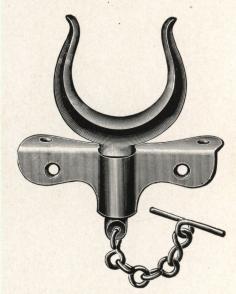


No. Horns
01 2"

118.

Per Pair\$1.75

SIDE PLATE ROWLOCK Malleable Iron and Cast Brass



Size Between No. Horns 800 2"

Fig. 6563

Galv. Iron Per Pair\$.60 Pol. Brass Per Pair \$2.00

ROUND SOCKET ROWLOCKS Galvanized Malleable and Cast Iron

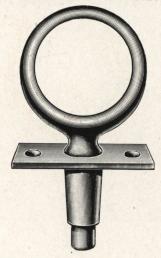


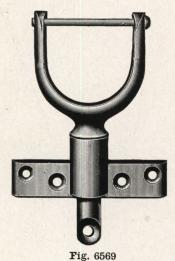
Fig. 6565

Diameter of Hole No. in the Clear	Mall. Iron Per Pair	Cast Iron Per Pair
0 2 "	\$.35	\$.20
1 21/4"	.40	.25
2 21/2"	.50	.35

NORTH RIVER ROWLOCKS Galvanized Malleable and Cast Iron



Fig. 6567



F	ic	r.	6
-	-8		O

Size	Between	n .	Mall. Iron	Cast Iron
No.	Horns		Per Pair	Per Pair
5377	2"		\$.40	\$.25
5378	2"	With Side Plate Socket		.35

STANDARD SIDE PLATE ROWLOCKS Malleable, Cast Iron and Brass

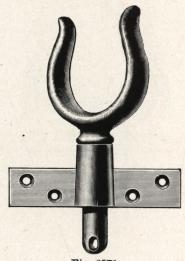
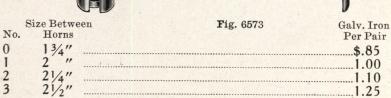


Fig. 6571

Size Between	Galvanized Cast Iron	Galvanized Mall. Iron	Polished Brass
No. Horns	Per Pair	Per Pair	Per Pair
0 13/4"	\$.25	\$.40	\$1.50
1 2 "		.50	2.00

DAVIS' PATENT STANDARD ROWLOCKS Malleable Iron and Cast Brass







F	ol. I	Br	a	SS
	Per	F	a	iı
	\$	2.	2	0
		2.	5	0
		2	0	0

3.00 3.75

MALLEABLE IRON BLACKBURN ROWLOCKS

Galvanized



Fig. 6575

No.	Size Between Horns	Size of Plate	Per Pair
10	23/4"	1" x 10"	\$.75

SURFACE SWIVEL ROWLOCKS Malleable Iron and Cast Brass

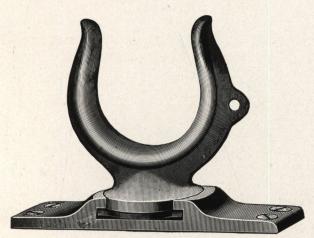


Fig. 6577

8	ize Between	Galv. Iron	Pol. Brass
No.	Horns	Per Pair	Per Pair
1	2 "	\$.85	\$2.40
2	21/4"	1.00	3.25
3	21/2"	1.25	3.50
4	23/4"	1.50	3.75
5	3 "	1.75	4.00

MALLEABLE IRON AND BRASS BOAT HOOKS



Fig. 6579

No.	For Diam Pole	eter	Galv. Iron Each	Pol. Brass Each
31/2	1 "		\$.32	\$.82
4	11/4"		.38	.86
5	11/2"		.70	1.25
6	2 "		.90	1.60

MALLEABLE IRON AND BRASS BOAT HOOKS



Fig. 6581

No.	For Diameter Pole		Galv. Iron Each	Pol. Brass Each
61/2	1 "		\$.38	\$.88
7	11/4"		.42	1.00
8	11/2"			1.34
9	2 "	,	1.00	1.78

MALLEABLE IRON AND BRASS BOAT HOOKS



Fig. 6583

	For Diam	eter Galv. In	on Pol. Brass
No.	Pole	Each	e Each
19	1 "	\$.38	\$.88
20	11/4"	.42	1.00
21	11/2"	.75	1.34
22	2 "	1.00	1.78

All the above Hooks furnished Poled to order.

WROUGHT IRON BOAT HOOKS

Galvanized



Fig. 6585

F	or Diame	ter	
No.	Pole		Each
10	1 "		\$.90
11	11/4"		1.00
12	11/2"		1.10
13	2 "		1.25
131/2	21/2"		1.35

MALLEABLE IRON AND BRASS BOAT HOOKS



Fig. 6587

For Diameter No. Pole	Galv. Iron Each	Pol. Brass Each
0 1 "	\$.28 34	\$.72 80
1 1/4	.65	1.20

MALLEABLE IRON AND BRASS IMPROVED BOAT HOOKS



Fig. 6589

No.	For Diamet Pole	er Extreme Length	Galv. Iron Each	Pol. Brass Each
14	1 "	10 "	\$.38	\$1.16
15	11/4"	101/2"	.40	1.28
16	11/2"	111/4"	.45	1.35
17	13/4"	12 "	.55	1.40
18	2"	121/2"	.70	1.58

All the above Hooks furnished Poled to order.

CAST BRASS LETTERS



		Fig. 6595	Dipped	Polished
No.	Size		Each	Each
5379	1 "		\$.10	\$.15
5380	11/2"		.15	.23
5381	2"		.22	.32
5382	21/2"		.25	38
5383	3 "		.32	50
5384	4 "		.50	.75
5385	6 "		1.00	1.25

Extra Heavy Letters for Cement Sidewalks Can be furnished to order.

CAST BRASS FIGURES Polished

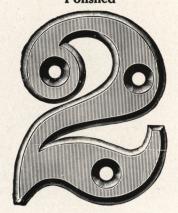


Fig. 6597

No.	Siz	ze		Each
5386	1/2	"		\$.10
5387	3/4	"	\	
5388	1	"		
5389	11/2	"		
5390	2	"		
5391	21/2	,"		
5392	3	"		.50
5393	4	"		
5394	6	"		1.25

JOINTED SPRAY HOOD ATTACHMENTS

Malleable Iron and Cast Brass

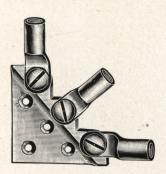


Fig. 6591

No.	Style	Tapped for Pipe	Tapped for Rod	Galv. Iron Each	Pol. Brass Each
1 2	3 Sockets 4 Sockets	1/4"	1/2"	\$1.50 2.00	\$3.50 4.00

SPRAY HOOD STANCHION SOCKETS Cast Iron and Brass



Fig. 6593

No.	Diameter Rod	Galv. Iron Each	Pol. Brass Each
5395	1/2"	\$.25	\$.45
5396	5/8"	.30	.50
5397	3/4"		.55
5398	7/8"	.40	.60
5399	1 "		.70
5400	11/8"	.50	.80
5401	11/4"		.90

AWNING SOCKETS Cast Iron and Brass



Fig. 6599

No.	Inside Dia. V of Hole	Will take Pipe	Size of Base	Galv. Iron Each	Pol. Brass Each
1 2 3 3 ¹ / ₂ 4	3/4" 7/8" 1 " 11/8" 11/4"	3/8" 1/2" 3/4"	17/8" x 11/2" 17/8" x 11/2" 21/8" x 15/8" 21/4" x 2 " 21/4" x 2 "	\$.25 	\$.50 .60 .75 .95 1.00

FLUSH FLAG POLE SOCKETS

Cast Iron and Brass



Fig. 6601 Bow



Fig. 6603 Stern

			Galvanized Iron		Polished Brass	
No.	Inside Diamete	Bow Each	Stern Each	Bow Each	Stern Each	
5402	3/4"	\$.20	\$.30	\$.40	\$.50	
5403	1 "		.35	.50	.60	
5404	11/4"		.45	.60	.70	
5405	11/2"		.55	.80	.90	
5406	13/4"		.70	1.00	1.10	
5407	2 "		.90	1.25	1.35	

BRASS UPRIGHT FLAG POLE SOCKETS Polished







Fig. 6607 Stern

No.	Size		Stern Each
5408	5/8"	\$.50	\$.60
5409	3/4"	.75	.85
5410	1 "	.75	1.00
5411	11/4"	.85	1.10
5412	11/2"	1.00	1.25

UPRIGHT SQUARE BASE FLAG POLE SOCKETS Cast Iron and Brass



Fig. 6609 Bow

Inside Diameter

No.

5413

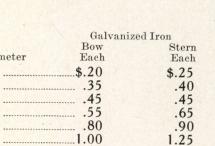
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5415

5416

5417

5418



1.25

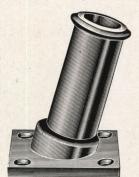


Fig. 6611 Stern

Stern	
Polished B	rass
Bow	Stern
Each	Each
\$.55	\$.75
.75	1.00
.85	1.10
1.00	1.25
1.50	1.75
2.00	2.25

AMERICAN ENSIGNS All Wool Standard Bunting



No.	Size	Fig. 6613	Each
5419	2 x 3 ft.		\$1.36
5420	$2\frac{1}{2} \times 4$ ft.		1.80
5421	3 x 5 ft.		2.30
5422	4 x 6 ft.		
5423	4 x 7 ft.		3.20
5424	5 x 8 ft.		
5425	, 10 16.		<u>5.00</u>
5426	- 11.0 11.		7.00
	8 x 12 ft.		10.80
5427	10 x 15 ft.		16.40
5428	10 x 18 ft.		19.40
5429	12 x 20 ft.		
5430	15 x 25 ft.		
C:_		C 1	39.00

Sizes up to 8×12 ft. have canvas headings and grommets, 10×15 ft. and larger have heavy canvas headings and ropes.

YACHT ENSIGNS All Wool Standard Bunting



No.	Size	Fig. 6615	Each
5431	16" x 24"		\$1.50
5432	20" x 30"		
5433	2 x 3 ft.		
5434	$2\frac{1}{2} \times 4$ ft.		
5435	3 x 5 ft.		
5436	4 x 6 ft.		
5437	4 x 7 ft.	7 <u></u>	
5438	5 x 8 ft.		
5439	6 x 10 ft.		
5440	8 x 12 ft.		
			11.00

YACHT FLYS

All Wool Standard Bunting



Fig. 6617

No.	Size	Each
5441	15"	\$.20
5442	18"	.25
5443	24"	30
5444	20"	.40
5445	36"	50
5446	42"	.60
5447	48"	

U. S. JACKS

All Wool Standard Bunting

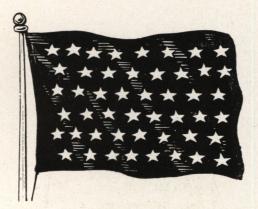


Fig. 6619

No.	Size	Each
5448	16" x 24"	\$1.40
5449	20" x 30"	1.70
5450	2 x 3 ft.	1.90
5451	$2\frac{1}{2} \times 4$ ft.	2.80
5452	3 x 5 ft.	3.50
5453	4 x 6 ft.	4.00
5454	5 x 8 ft.	7.50
5455	6 x 10 ft .	10.50
5456	8 x 12 ft.	13.50

MAPLE LAUNCH FLAG POLES One Piece with Ball

No.	Size	Each
5457	$\frac{3}{4}$ " x 30"	\$.30
5458	1 "x 36"	.40
5459	1 "x 48"	
5460	11/4" x 48"	
5461	11/4" x 60"	
5462	$1\frac{1}{2}$ " x 60"	
5463	1½" x 72"	.80

SWING FREE SWIVELS

No.	Handles Fit Socket	For Flags	Each
0	1 "	12" to 15"	\$1.00
1	11/4" & 11/2"	12" to 18"	1.25
2	11/4" & 11/2"	20" to 24"	1.50

Fig. 6621

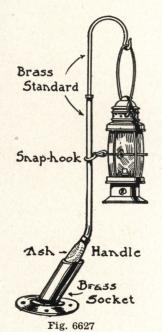


GOOSE NECK LANTERN HOLDERS

Galvanized and Brass

No.	Height Overall	Handles Fit Socket	Brass Each	Galv. Each
1	32"	1", 11/4" & 11/2"	\$1.25	
2	40"	1", 11/4" & 11/2"	2.00	
10	32"	1", 11/4" & 11/2"		\$1.00
20	40"	1", 11/4" & 11/2"		1.75





Stern

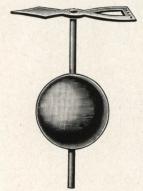
FLAG POLE BALLS Gold Leafed with Genuine Gold Leaf



Fig. 6629

No.	Size	Wood, Each	Zinc, Each	Copper, Each
5464	11/2"	\$.25		
5465	2 "			
5466	21/2"	.60		
5467	3 "	.80		
5468	31/2"	1.00		
5469	4 "	1.25		
5470	5 "	2.00	\$2.50	\$3.00
5471	6 "	2.50	3.00	4.00
5472	7 "	·····	4.50	6.00
5473	8 "		5.50	7.50
5474	9 "		6.50	8.25
5475	10 "		7.75	9.50
5476	12 "		12.00	15.00
5477	14 "		21.00	24.00

BALLS AND SWIVELS Gold Leafed



No.	Size	Fig. 6631	Each
5478	2 "		\$1.00
5479	21/2"		1.35
5480	3 "		1.65
5481	31/2"		2.00
5482	4 "		2.35
5483	5 "		2.65
5484	6 "		3.00

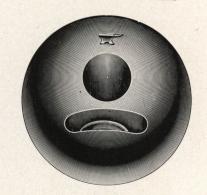
LIGNUMVITAE MAST HEAD TRUCKS



Fig. 6633

No.	Diameter	Two Holes Each	One Brass Sheave Each	Two Brass Sheaves Each
5485	3 "	\$.20	\$.45	\$.65
5486	31/2"	22	.50	7.03
5487	4 "	25	.55	.80
5488	41/2"		.60	.90
5489	5 "		.65	1.00
5490	51/2"		75	1.10
5491	6 "	45	.85	1.20
5492	7 "	1.00	1.50	2.00
5493	8 "	1.50	2.00	2.50

MAST HEAD BALLS



F	ıg.	6	63	5

		PINE		IGNUMVITA	E	GILDING
NT-	α.	Two Holes	Two Holes	One Sheave	Two Sheaves	Net Extra
No.	Size	Each	Each	Each	Each	Each
5494	2 "	\$.25	\$.30	\$.75	\$1.20	\$.50
5495	21/2"	.25	.40	.75	1.20	.50
5496	3 "	.25	.50	.75	1.20	.50
5497	31/2"	.30	.60	.85	1.35	.60
5498	4 "	.35	.70	.95	1.50	.60
5499	41/2"	.40	.85	1.10	1.65	.75
5500	5 "	50	1.00	1.25	1.85	.90
5501	51/2"	.60	1.10	1.35	1.95	1.00
5502	6 "	.75	1.25	1.50	2.25	1.25
5503	7 "	1.25	2.00	2.25	3.00	1.40
5504	8 "	1.50	2.50	3.00	3.75	1.50
5505	9 "	1.75	3.00	3.75	4.50	1.75
5506	10 "	2.00	4.00	4.75	5.50	2.25

BRASS BRIDLES For Yacht Blocks



Fig. 6637

No.	Length	Opening for Rope	Each
1	13/4"	5"	\$.50
2	21/8"	3/8"	.50
3	3 "	7 "	
4	31/2"	1/2"	1.00
5	4 "	1/2"	1.25
6	41/2"	9"	1.50
7	5 "	7/8"	Special
8	6 "	1 "	Special
9	7 "	1 "	Special
10	81/2"	11/8"	Special
	Nos. 1 to	4, Single Fastening. Nos. 5 to 10, Double Fas	stening.

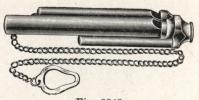
LIGNUMVITAE PARREL TRUCKS



Fig. 6641

No.						Per Doz.
5507	5/8"	3/4"	7/8"	1 "	11/4"	\$.40
5508			11/2"	13/4"	2 "	75
5509			, -	21/4"	21/2"	1.00
5510					23/4"	1.25
5511					3 "	1.55
5512					31/4"	1.90
5513					31/2"	2.05
5514					4 "	3.00
		-				

BRASS TRIPLEX WHISTLES WITH CHAIN Nickel Plated



No. 5515

Size 6" x 11/8" Fig. 6643

Per Doz.\$6.00

BRASS TWO TONE LAUNCH HORN Nickel Plated and Polished Brass



Fig. 6645

Length 101/4"

Polished Brass Per Doz. \$22.00

Nickel Plated Brass Per Doz. \$24.00

BRASS EREFUL WHISTLE Polished



No. 5517

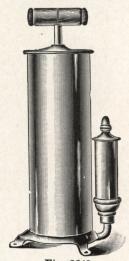
No.

5516

Size 21" x 21/2" Patented Fig. 6647

Each \$5.00

CAST BRASS HAND LAUNCH WHISTLE Polished



No. 5518

Size 15" x 4" Fig. 6649

Each \$6.00

BRASS WHISTLES





Fig. 6653

No.	
22	Chime with Valve
30	Chime with Valve
19	Single Tone with Valve
14	Chime without Valve
11	Chime without Valve
6	Single Tone without Valve

Diameter	Each
11/2"	\$5.00
2′′′	7.00
11/2"	4.00
11/2"	3.00
2 "	5.00
11/2"	2.50

BRASS AIR WHISTLE VALVES

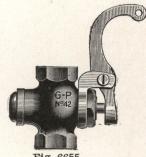


Fig. 6655



Fig. 6657

No.		Size	Each
38	1/4"	Push Button	\$2.00
42	1/4"	Lever	2.50

BRASS SAFETY VALVE

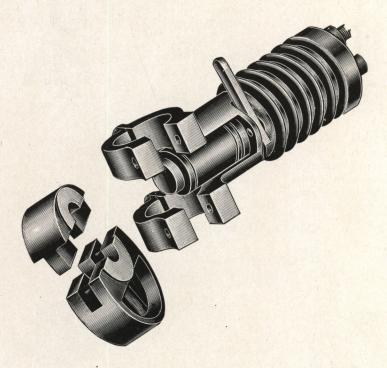


Fi	g.	66	59

No.	Size	Each
206	1/4"	\$2.00

THE STAR AIR PUMP

With Split Cam and Hinged Boxes—Can be Attached to Propeller Shaft Without Detaching the Shaft



Patented November 23, 1909

Fig. 6661

No.	Size Shaft	Outfit No.	Each
2	5/8" to 11/2"	Pump only	\$18.00
2	5/8" to 11/2"	Pump with Outfit C	40.75
2	5/8" to 11/2"	Pump with Outfit D	00
2	5/8" to 11/2"	Pump with Outfit E	
4	11/4" to 3 "	Pump only	25.00
4	11/4" to 3 "	Pump with Outfit C	47.00
4	11/4" to 3 "	Pump with Outfit E	51.00

We carry in stock Cams bored to fit Shafts $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", $\frac{11}{8}$ ", $\frac{11}{4}$ ", $\frac{13}{8}$ ", $\frac{11}{2}$ ", $\frac{15}{8}$ ", $\frac{13}{4}$ ", $\frac{17}{8}$ ", $\frac{21}{4}$ ".

For full description and information send for our Star Pump Catalogue.

STAR BILGE PUMPS

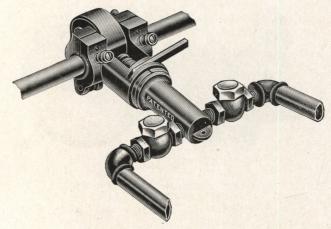


Fig. 6663

No.	Size Shaft	Body	Cylinder	Cam		Each
60	5/8" to 11/2"	Iron	Brass	Iron		\$15.00
62	5/8" to 11/2"	Brass	Brass	Iron		18.00
64	11/4" to 3 "	Iron	Brass	Iron		28.00
66	11/4" to 3 "	Brass	Brass	Iron		
	We carry in stock	Cams be	ored to fit			
11/4"	, 13/8", 11/2", 15/8	", 13/4", 1	17/8", 2", 2	1/4".	70 , 74 , 70	, . , . , 0 ,
	Price includes suita				ntake end	

LIST OF OUTFITS

For Star Air Pumps

Outfit "C" Consists of the Following:

1 piece flexible Copper Tube 12 feet long with brass unions attached.

1 piece same 6 feet long.
1 piece same 3 feet long.

1 galvanized Air Tank 12" x 20".

1 all brass, Air Pressure Gauge.

1 brass Safety Valve.

1 brass Whistle No. 1.

1 brass Whistle Valve with Stuffing Box.

1 brass Air Check Valve.

Brass Nipples, Ells and Tees, sufficient for connecting up the above.

Outfit "D" Consists of the Following:

1 piece flexible Copper Tube 6 feet
long with brass unions attached.

1 brass Air Check Valve.

1 brass Air Whistle No. 3, 6 inch.

1 brass Air Lever Valve for whistle.

1 galvanized Air Tank 7" x 20".

Brass Nipples, Ells and Tees sufficient for connecting up the above.

Outfit "E" Consists of the Following:

2 pieces flexible Copper Tube 12 feet long with brass unions attached.

1 piece flexible Copper Tube 6 feet long.

1 piece flexible Copper Tube 3 feet long.

1 galvanized Air Tank 14" x 30".

all brass Gauge.

l brass Safety Valve.

Whistle No. 11/2.

1 Whistle Valve with Stuffing Box.

1 brass Air Check Valve.

Brass Nipples, Ells and Tees sufficient for connecting up the above.

"PEQUOT" BILGE PUMP

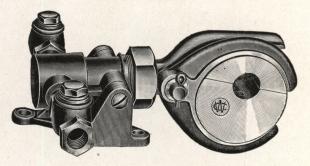


Fig. 6665

No.	Bore	Stroke	Diameter of Outlet	Capacity at 500 R.P.M.	For Shaft up to	Each
1	11/8"	1 "	3/8"	2 Gals.	11/4"	\$15.00
2	11/4"	1 "	1/2"	21/2 Gals.	11/2"	20.00
3	13/4"	11/2"	3/4"	7 Gals.	21/8"	28.00
4	13/4"	11/2"	3/4"	7 Gals.	31/8"	35.00

The "Pequot" Pump is operated by a Cam attached to the propeller shaft in rear of the reverse gear and operates constantly when the shaft is turning. The Pump is easily installed without removing the propeller shaft and may be disconnected at will. The base is adjustable, allowing the pump to be installed in any position in which the plunger is at right angles to the propeller shaft. The pump is all brass, it cannot rust.

MOTOR BOAT BILGE PUMP

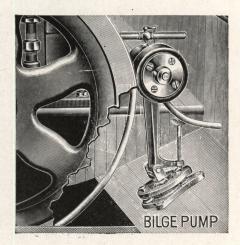


Fig. 6667

No.	Capacity	F1g. 6067	Each
5519	5 Gals. per minute		\$8.00

Operated by friction when in contact with flywheel. Furnished with 18" of suction hose with strainer and 18" discharge hose.

BRASS BILGE PUMPS Polished



Fig. 6669

No.	Height	Diameter	Length of Hose	Capacity per Minute		Each
1	16"	1 1 1 "	5 ft.	6 Gals.	\$5	5.00
2	17"	11/2"	5 ft.	12 Gals.		7.50
3	26"	1 1 "	5 ft.	81/2 Gals.	L. C.	5.50
4	26"	11/2"	5 ft.	161/2 Gals.		8.00

BRASS BILGE PUMPS Polished With Suction Hose and Strainer

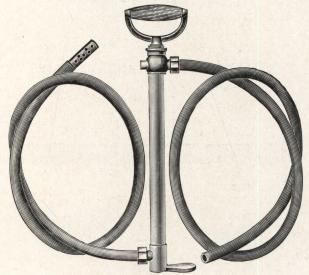


Fig. 6671

No.	Height 16"	Diameter	Length of Hose 5 ft.	capacity per Minut 6 Gals.	
2	17"	$1\frac{1}{16}''$	5 ft.	12 Gals.	6.50

BOAT PUMPS

Galvanized

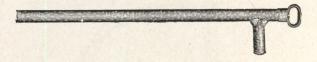


Fig. 6673

No.	Size	Each
5520	$1\frac{1}{2}$ " x 2 ft.	\$1.90
5521	$1\frac{1}{2}$ " x $2\frac{1}{2}$ ft.	1.90
5522	$1\frac{1}{2}$ " x 3 ft.	2.15
5523	$1\frac{1}{2}$ " x $3\frac{1}{2}$ ft.	2.30
5524	$1\frac{1}{2}$ " x 4 ft.	2.60
5525	$1\frac{1}{2}$ " x 5 ft.	2.80
5526	$1\frac{1}{2}$ " x 6 ft.	3.15
5527	$2'' \times 2\frac{1}{2}$ ft.	2.00
5528	2 "x3 ft.	
5529	$\frac{2}{2}$ "x 31/2 ft.	2.25
5530	$\frac{2}{2}$ "x4 ft.	2.40
5531	2 "x5 ft.	2.70
5532		2.90
		3.25
5533	$2\frac{1}{2}$ " x 3 ft.	2.50
5534	$2\frac{1}{2}$ " x $3\frac{1}{2}$ ft.	2.70
5535	$2\frac{1}{2}$ " x 4 ft.	3.00
5536	$2\frac{1}{2}$ " x 5 ft.	3.25
5537	$2\frac{1}{2}$ " x 6 ft.	3.75

HAND SUCTION or BILGE PUMPS

Galvanized



Fig. 6675

No.	Size	Per Foot
5538	21/2"	\$.65
5539	3 "	70
5540	31/2"	75
5541	4 "	.80

Pumps shorter than 5 feet charged as 5 feet.

SIMPL-EZY PUMP

Trade Mark

Pat. Pending



Fig.	6677
------	------

No.	Size	Stroke	Capacity		Each
5542	11/2" x 24"	3	1½ quarts	4	\$2.25
5543	$1\frac{1}{2}$ " x 36"	3	2 quarts		2.50
5544	2 "x 24"	3	2½ quarts		2.75
5545	2 "x 36"	3	41/4 quarts		3.00
5546	3 "x 24"	3	5 quarts		3.25
5547	3 "x 36"	3	9 quarts		3.50
٨	D 1. D .	. 1	(.1 11	1	5.50

A Packing Box, instead of the old open-end pump so much used, makes the Simpl-ezy a force pump, with large suction valves not easily obstructed.

A Tapered Spout permits the use of different sizes of hose without couplings, and any length of hose may be used to conduct water or other liquids to any desired point.

PUMP VALVES Galvanized



		하는 사람이 되었다. 그 사람들은 모든 사람들은 아이들의 사람들은 얼마나 되었다면 하는데	
No. 5548	Size	F ig. 6679	Per Doz. \$1.35
5549	2"		1.60
5550	21/2"		2.00
5551	3 "		2.00
5552	31/2"		2.25
5553	4 "		2.75
,,,,	The second second	•	3.43

Valves up to 2" made of Leather; larger, made of Rubber.

LEATHER PLUNGERS For Boat Pumps



No. 5554	Size 2"	Fig. 6681	Per Doz.
5555	21/2"	<u> </u>	1.65
5556	3 "		2.00
5557 5558	31/2"		2.40
0000	4		2.80

DIAPHRAGM SUCTION PUMPS

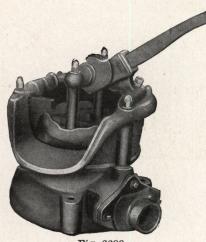


Fig. 6683 Side Suction



Fig. 6685 Bottom Suction

No.	Stroke	Suc	tion		Side Suction Each	Bottom Suction Each
2	3"	21/2"	Iron Pip	e	\$20.60	\$23.75
3	3"			e	26.85	30.60
4	4"	4 "	Iron Pipe	,	45.60	50.00
	For Su	ction Lif	ft of 25 fee	et.		

"CHALLENGE" DOUBLE-ACTING FORCE PUMP



					Fig. 66	887	Brass Lined	Brass	
]	Diameter		Capacity		Dis-	*Lift	Cylinder	Cylinder	†Brass
No.	Cyl.	Stroke	per Rev.	Suction	charge	and Force	e Each	Each	Each
			Gal.			Ft.			
2	21/2"	41/2"	.19	11/2"	11/2"	150	\$30.00	\$82.00	\$112.00
4	3 "	41/2"	.28	11/2"	11/2"	150	31.00	82.00	112.00
8	4 "	41/2"	.49	2 "	2 "	100	34.00	90.00	135.00
12	5 "	51/4"	.89	21/2"	21/2"	100	45.00	135.00	225.00
16	6 "	51/4"		21/2"	21/2"	100	56.00	180.00	275.00
	*Total	Lift an	d Force	from s	upply t	to point	of delivery	. Pump	not more
than			water.						

†Brass Pumps are made entirely of brass, except levers, links and bolts.

GASOLINE TANKS Galvanized



Fig. 6689

No.	Size	Nominal Capacity	Each
5559	10" x 20"	6 Gals	\$6.00
5560	12" x 20"	8 Gals	7.00
5561	12" x 30"	12 Gals.	8.50
5562	14" x 30"	20 Gals	10.50
5563	16" x 36"	30 Gals	13.00
5564	18" x 42"		18.00
5565	18" x 48"	45 Gals	20.00
5566	20" x 48"		24.00
5567	20" x 60"	75 Gals	30.00
5568	22" x 60"		40.00
5569	24" x 60"	110 Gals	52.00

AIR TANKS Galvanized



Fig. 6691

No.	Size	Each
5570	6" x 20"	\$4.25
5571	7" x 20"	4.50
5572	8" x 20"	4.75
5573	9" x 20"	5.00
5574	10" x 20"	6.00
5575	12" x 20"	7.00
5576	12" x 30"	8.50
5577	14" x 30"	10.00

MAXIM MARINE SILENCER Blackened Cast Iron For Salt Water Use

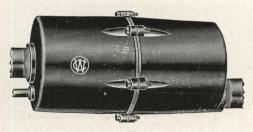
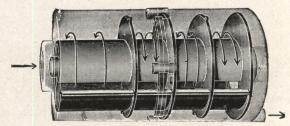


Fig. 6693

Patented in United States October 20, 1914



Shadow View Showing Course of Gas Passing Through Silencer

	ne Bore or	Length	Diameter	Weight	Exhaust	Each
B F M P	3" to 37/8" 4" to 47/8" 5" to 57/8" 6" to 67/8"	13 " 15½" 16¼" 18¼"	61/4" 71/4" 81/4" 81/4"	22 lbs. 32 lbs. 41 lbs. 46 lbs.	2 " 2½"	\$6.50 9.00 10.50 12.50
V	7" to 7½" 8" to 8½"	18 ³ / ₄ " 21 ¹ / ₂ "	91/4"	54 lbs. 100 lbs.		17.00

*For 3- and 4-cylinder motors use one size larger Silencer.

For 6- and 8-cylinder motors use two sizes larger Silencer. Silencers only come in sizes as listed; for smaller or larger exhaust, bushings will have to be used.

The cast iron Silencer, although of slightly different construction from the Toncan Metal Silencer, embodies the same principles. It was designed by Mr. Maxim for salt water use, although it may be used on fresh water as well.

We always send cast iron Silencers for use on salt water. The best of sheet metal will deteriorate in a comparatively short time when put to such a severe test as that given a Silencer around salt water. Consequently, we will not guarantee the sheet metal Silencers for salt water use.

Do not order by exhaust size alone. Silencers are designed for certain sizes of cylinder.

MAXIM MARINE SILENCER Galvanized Toncan Metal For Fresh Water Use



Fig. 6695

Invention of Mr. Hiram Percy Maxim. Patented in the United States, January 23, 1912, May 6, 1913. Dominion of Canada, March 25, 1913. Patents pending in all European Countries.



Cross Sections Showing Interior Construction and Action of Gases in Whirl Chambers.

Diameter

	of Cylinder					
Mode	or Bore el of Motor	Exhaust	Length	Diameter	Weight	Each
			7"			
A	23/4" to 3 "	1", 11/4", 11/2",		63/4"	15 lbs.	\$6.00
В	$3\frac{1}{4}$ " to $3\frac{1}{2}$ "	1", 11/4", 11/2", 2"	8"	63/4"	16 lbs.	6.25
D	$3\frac{5}{8}$ " to $3\frac{3}{4}$ "	1", 11/4", 11/2", 2"	10"	63/4"	17 lbs.	6.50
F	37/8" to 41/4"	1", 11/4", 11/2", 2"	15"	63/4"	21 lbs.	8.50
Н	43/8" to 45/8"	1", 11/4", 11/2", 2"	17"	63/4"	24 lbs.	9.50
K	43/4"	1", 11/4", 11/2", 2"	18"	63/4"	25 lbs.	10.00
M	47/8" to 51/4"	2", 21/2"	20"	8 "	35 lbs.	13.00
P	5½" to 5 1/8"	2", 21/2"	20"	8 "	36 lbs.	13.25
S	6 "to 61/2"	2", 21/2"	22"	8. "	38 lbs.	14.00
V	65/8" to 7 "	2", 21/2"	24"	8 "	41 lbs.	15.00
X	$7\frac{1}{8}$ " to $7\frac{1}{2}$ "	2", 21/2"	26"	8 "	43 lbs.	15.75

For an exhaust 1/2" larger than any of the sizes listed the Silencer will be one inch larger in diameter, and the list price will be \$1.50 higher.

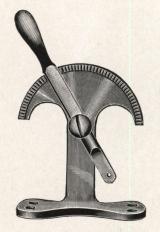
For 6-cylinder motor add one inch to bore before selecting.

No more nerve-racking noise. Maxim Motor Boat Silencer effectively stops the noise of an above-water exhaust without back pressure.

The Maxim Silencer operates on a new scientific principle which annihilates both the primary and secondary noises, and dissipates the energy of the exhaust gases by whirling or spinning and without interposing resistance to their motion.

Do not order by exhaust size alone. Silencers are designed for certain sizes of cylinders. If a smaller exhaust than the one given is wanted, bushings may be used on intake and outlet.

CAST BRASS SPARK AND THROTTLE CONTROLS Polished





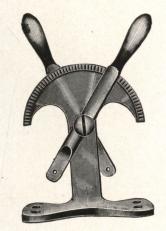


Fig. 6699

No.		Each
5578	Single Deck	\$2.50
5579	Double Deck	3.50

CAST BRASS SPARK AND THROTTLE CONTROLS Polished



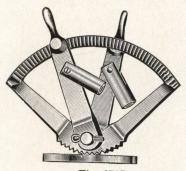
Fig. 6701



Fig. 6703

No.		Each
5580	Single Side Cabin	\$2.50
55801/2	Double Side Cabin	3.50
5581	Single Front Cabin	2.50
55811/2	Double Front Cabin	3.50

CAST BRASS SPARK AND THROTTLE CONTROLS Polished



No.	Clips for R	od	Fig. 6705		Each
5582	1/4"	Single			\$3.25
5583		Double			3.50
-	This Cont	1 : 1:	11 2 1 1 .	1 . 1	, ,

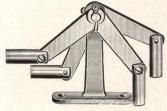
This Control is adjustable on its base plate which is to be attached to surfaces which are not exactly parallel to the direction in which the rods are to lead.

CAST BRASS FRONT BRACKET FOR CONTROL Polished

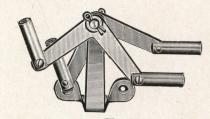


No.	Fig. 6707	Each
5584	Single Control with I folk Diacket	\$3.50
5585	Double Control with Front Bracket	3.75
5586	Front Bracket only	75
	This Bracket is interchangeable with Base on Control Fig. 670)5

CAST BRASS CONTROL CRANKS







	11g. 070) d		6711
			Plain Brass	Polished Brass
No.	Clips for R		Each	Each
5587	1/4"	Single Upright	\$1.00	\$1.65
5588	1/4"	Double Upright	1.65	2.25
5589	1/4"	Single Side	1.00	1.65
5590	1/4"	Double Side	1.65	2.25
5591		Cranks only		.35
5592		Brackets only		.70
5593		Rod Clips		.25

SCHEBLER CARBURETOR

Model "D"

No.	Size	Each
5594	1/2"	\$10.50
5595	3/4"	12.00
5596	1 "	14.25
5597	11/4"	14.25
5598	11/2"	17.25
5599	2 "	34.50

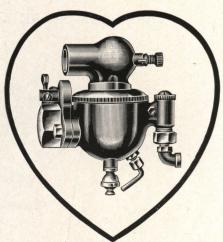
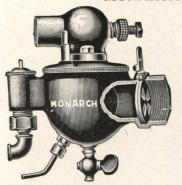


Fig. 6713

	PARTS FOR SCHEBLER CARBI	URETOR	S	
Symbol	Name 1/4//	3/. 11 11/ 11/. 11		211
	Air Valve Complete	\$4.00	\$5.00	\$8.00
	Bowl Complete	9.00	12.00	22.00
	Throttle Complete	4.00	6.00	9.00
A	Leather Air Valve Disk	30	.40	.60
В	Bowl Casting	6.00	9.00	17.00
C	Butterfly Shutter Complete.	.50	.50	.50
D	Spray Nozzle	.20	.20	.20
E	Needle Valve	.20	.30	.40
F	Cork Float	.50	.70	2.00
G	Gasoline Union	.50	.50	.70
H	Float Valve	.20	.20	.20
I	Float Lever	.20	.20	.20
	NOTE—Cast Lever used in ½", ¾", 1½",	.20	.20	.20
	and 2" sizes.			
	½" and ¾" Levers are the same			
	1½" and 2" Levers are both different in			
	size			
J	Float Lever			
	NOTE—Punched Lever used in the 1" and	.20		
	1¼" size			
K	Throttle Disk	.10	.20	.20
L	Lid	2.00	3.00	4.00
$\overline{\mathbf{M}}$	Air Valve Adjusting Screw	.20	.30	
N	Cork Gasket for Lid	.10	.10	.60 .10
0	Air Valve Spring	.10	.10	.10
P	Throttle Back	1.50	2.00	3.00
Q	Throttle Lever	1.00	.40	.50
Ř	Throttle Front with Pipe Thread	2.00	3.50	5.50
S	Throttle Stop Screw	.10	.10	.10
$\overset{\sim}{\mathrm{T}}$	Drain Cock	.50	.50	
Ū	Bowl Cap	.30	.30	.50
v	Flusher		.50	.30
w	Lock Nut for Adjusting Screw		.10	.50
X	Needle Valve Connection	.20	.20	90
Ÿ	Lock Spring for Adjusting Screw	.10		.20
1	Throttle Stop Lock Screw	.10	.10	10
2	Air Valve Cap Screw	.10	.10	.10
3	Air Valve Cap Serew	2.00	.10	.20
4	Float Washer and Screw.	.20	4.00	7.00
5	Throttle Can Scraw	-20		.20
6	Throttle Cap Screw	.10 .10	.10	.20
7	Float Lever Screw	.10	.10	.10
8	Float Lever Screw Bearing.	.10	.10	.10
9	Air Valva Adjusting Serow Lock Not for Out D	.10	.10	.10
10	Air Valve Adjusting Screw Lock Nut for 2" D Cork Gasket for Bowl Cap	.10	10	.10
10	COLK Gasket 101 DOWI Cap	.10	.10	.10

Note—When ordering parts, always state size and model carburetor for which they are wanted and name of motor upon which the Carburetor is used.

MONARCH STANDARD CARBURETORS





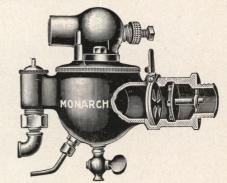


Fig. 6717

Model G		Model	Model H		
		Model "G"	Model "H"		
No.	Size	Each	Each		
5600	3/4"	\$8.00	\$9.00		
5601	1 "	8.50	9.50		
5602	11/4"	9.00	10.00		
5603	11/2"	12.00	13.50		
5604	2 "	18.00	21.00		
5605	21/2"	24.00			

GASOLINE FUNNELS Galvanized

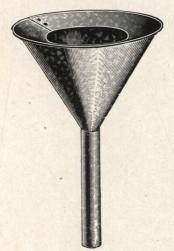


Fig. 6719

No.	Diameter	Length of Spout	Capacity	Per Doz.
5606	8"	7"	1/2 Gal.	\$12.00
5607	10"	7"	1 Gal.	15.00

Made with seamless splash guard and fine brass wire cloth strainer.

CAST BRASS CARBURETOR CHECK VALVES Polished

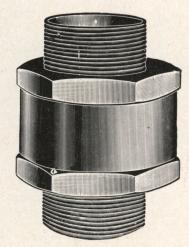


Fig. 6721

No.	Pipe Size	Each
5608	3/4"	\$ 2.25
5609	1 "	2.50
5610	11/4"	3.00
5611	11/2"	3.60
5612	2 "	5.00

MONARCH AUXILIARY AIR VALVES



Fig. 6723

No.	Pipe Size		Each
5613	3/8"	For Three-Port Engines only	\$2.25
5614		For Two and Three-Port Engines	3.00
5615	1 "	For Two and Three-Port Engines	3.50

The Monarch Auxiliary Air Valves are now manufactured in four sizes and in two types.

Increasing the power of two-stroke cycle engines and at the same time reducing the consumption of gasoline are what the addition of Monarch Air Valves will positively accomplish.

OIL GUN



Fig. 6725

No. Size of Barrel Each 5616 $1\frac{1}{4}$ " x $8\frac{1}{2}$ " \$.75

"GEM" COMBINATION GREASE AND OIL GUN



Fig. 6727

No. Size of Barrel Capacity Each 5617 13/4" x 7" 8 oz. \$2.00

The Barrel and End Caps are Heavy Steel. The Threaded Stem, Grease Spout and Oil Nipple are made of Brass.

BRASS "JUMBO" COMBINATION GREASE AND OIL GUN

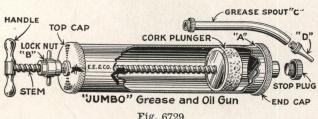


Fig. 6729

No. Size of Barrel Capacity Each 2" x 91/4" 15 oz. \$3.00 5618

This Gun is made of Solid Brass throughout. The Plunger is Hydraulic Pressed Cork, held in place by Two Steel Washers, making it practically indestructible.

BRASS SNAP LEVER SIGHT FEED OILER



Fig. 6731

	Shank	Diameter	
No.	Capacity Pipe Thread	of Glass	Each
5619	3/4 oz. 1/8"	11/4"	\$3.00
5620	1 oz. 1/4"	15/8"	3.35
5621	11/2 oz. 1/4"	13/4"	3.50
5622	$2\frac{1}{2}$ oz. $\frac{3}{8}$ "	2 "	3.75
5623	4 oz. 3/8"	23/8"	4.25
5624	6 oz. 3/8"	23/4"	5.25
5625	10 oz. $\frac{1}{2}$ "	31/8"	7.25
5626	Pint 1/2"	31/2"	9.25
5627	Quart 3/4"	41/8"	20.00

BRASS PLURAL FEED OILERS



For Bearings

		Size of	2 Feeds	3 Feeds	4 Feeds	5 Feeds	6 Feeds
No.	Capacity	Glass	Each	Each	Each	Each	Each
5628	4 oz.	21/8" x 23/8"	\$7.50	\$9.00	\$11.00	\$12.50	\$15.00
5620	6 oz.	21/2" x 23/4"	8.00	9.50	11.50	13.00	15.50
5630	10 oz.	27/8" x 31/8"	8.75	10.25	12.25	13.75	16.25
5631	16 oz.	4 "x 31/2"	10.00	11.50	13.50	15.00	17.50
5632	32 oz.	51/8" x 41/8"	11.50	13.00	15.00	16.50	19.00
			Fig. 6	734			
			For Cy	linders			
		Size of	2 Feeds	3 Feeds	4 Feeds	5 Feeds	6 Feeds
No.	Capacity	Glass	Each	Each	Each	Each	Each
5633	4 oz.	21/8" x 23/8"	\$7.50	\$9.00	\$11.00	\$12.50	\$15.00
5634	6 oz.	21/2" x 23/4"	8.00	9.50	11.50	13.00	15.00
5635	10 oz.	27/8" x 31/8"	8.75	10.25	12.25	13.75	16.25
5636	16 oz.	4 "x 31/2"	10.00	11.50	13.50	15.00	17.50
5637	32 oz.	51/8" x 41/8"	11.50	13.00	15.00	16.50	19.00
0	il connection	s are for 1/11 c	opper tubin	g.			

BRASS COMPRESSION GREASE CUPS Plain



Fig. 6735

No.	Capac Pipe Thread ounc	es	Each
00	1/8" 1/2		\$.70
0	1/4" 2/	3	.90
1	1/4" 1		1.15
2	3/0"		1.50
3	1/2" 31/2		2.15
4	1/2" 5		3.50

CAST BRASS SCREW FEED MARINE GREASE CUPS Polished



Fig. 6737

No. Pipe	e Thread	apacity ounces	Each
5638	1/8"	1/3	\$1.55
5639	1/4"	1	 1.85
5640	1/4"	11/2	2.35
5641	3/8"	21/8	3.50
5642	1/2"	41/2	5.00
5643	1/2"	10	8.00

STEAM METAL JENKINS DISC VALVES Globe and Angle

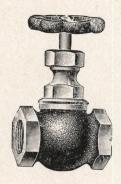






Fig. 6741

		Angle or Globe
No.	Size	Each
5644	1/4"	\$1.10
5645	3/8"	1.25
5646	1/2"	1 60
5647	3/4"	2 20
5648	1 "	2.80
5649	11/4"	4.00
5650	11/2"	5.50
5651	2 "	8.75
5652	21/2"	15 75
5653	3 "	22.00

STEAM METAL CHECK VALVES Horizontal and Angle



Fig. 6743



Horizontal

Fig. 6745

			220112011001
			or Angle
No.	Size		Each
5654	1/4"		\$1.10
5655	3/8"		1,20
5656	1/2"		1.30
5657	3/4"		
5658	1 "		
5659	11/4"		3.60
5660	11/2"		5.00
5661	2 "	2 2 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.50
5662	21/2"	A STATE OF THE PARTY OF THE PAR	13.50
5663	3 "		21.00

BRASS NEEDLE VALVES







Fig. 6749

Angle Pattern

		Globe Pattern	Angle Pattern	with Union
No.	Size	Each	Each	Each
5664	1/8"	\$.65	\$.65	\$.80
5665	1/4"		.75	.95
5666	3/8"		.85	1.15
5667	1/2"	1.60	1.60	1.95
5668	3/4"	2.00	2.00	3.10

BRASS VERTICAL BALL CHECK VALVES



Fig. 6751

No.	Size	Each
5669	1/8"	\$.85
5670	1/4"	
5671	3/8"	1.10
5672	1/2"	1.60
5673	3/4"	 2.30

BRASS "10 IN 1" GASOLINE STRAINERS

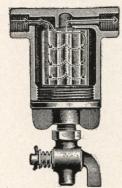


Fig. 6753

No.	Size	Type	Each
5674	1/8"	Horizontal	\$ 2.00
5675	1/4"	Horizontal	2.00
5676	1/4"	Angle or Vertical	2.00

BRASS AIR COCKS



Fig. 6755



Fig. 6761





Fig. 6757

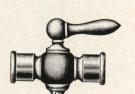


Fig. 6763



Fig. 6767



Fig. 6759

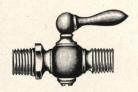


Fig. 6769

	½ in. Each	¼ in. Each	% in. Each	½ in. Each
Fig. No. 6755	\$.45	\$.50	\$.55	\$.60
Fig. No. 6757	.75	.80	.90	1.05
Fig. No. 6759	.55	.65	.75	.90
Fig. No. 6761		.70	.85	1.10
Fig. No. 6763	.80	.85	1.00	1.25
Fig. No. 6765	.60	.65	.70	.75
Fig. No. 6767	.85	.95	1.05	1.15
Fig. No. 6769	.70	.80	.90	1.05

All the above furnished with Spring at 5 cents additional to List.

BRASS GASOLINE SPRING KEY COCK



No.	Size Pipe	Size Tube	Fig. 6771	Each
5677	1/8"	1/4"		\$1.35
5678	1/8"	5"		1.40
5679	1/4"	1/4"		1.50
5680	1/4"	5"		1.90
. M	ale Pipe	and Solder T	Tube Union.	

BRASS KANT LEAK GASOLINE COCKS



Fig. 67	73	
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No.	Size Pipe	Size Tube	Each
5681	1/8"	1/4"	\$2.40
5682	1/8"	5'''	2.45
5683	1/4"	1/4"	2.45
5684	1/4"	\frac{5}{16}"	2.50

CAST BRASS PRIMING CUPS Polished

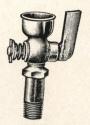


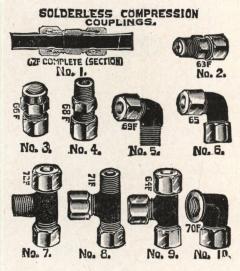


Fig.	6775
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Fig. 6777

No.	Size Pipe	of Bowl	Type	Each
5685	1/8"	3/4"	Straight	\$.80
5686	1/4"	3/4"	Straight	90
5687	1/8"	3/4"	Elbow	1.00
5688	1/4"	7/8"	Elbow	1.10
5689	1/4"	11/8"	Elbow	1.60

BRASS SOLDERLESS COMPRESSION COUPLINGS



No.	1/4 in. Each	5/16 in. Each	3/8 in. Each
1	\$.15	\$.20	\$.30
2		.20	.30
3		.20	.25
4		.20	.25
5	.15	.20	.25
6		.20	.25
7		25	.30
8		.25	.30
9		.30	.35
10	.15	.20	.25
Extra Hex. Nut (60F)	.04	.05	.06
Extra Bushing or Sleeve (61F)	.02	.02	.03

We furnish these Fittings in the standard sizes—1/4", $\frac{5}{16}$ " and $\frac{3}{8}$ ". These Fittings are all made of the very best grade of Brass, properly machined and carefully inspected before shipping. No solder is required when these Couplings are used. All that is necessary is to stick the Tube into the Coupling and tighten up the Nut. The tightening up of the Nut or Bushing compresses the Copper Tubing in such a manner that the Tube and Fitting become almost inseparable.

FLEXIBLE COPPER TUBING

Fig. 6779

No.	Outside Diameter	Inside Diameter	P	er Lb.
5690	1/4"	5/32"	\$	1.25
5691 5692	3/8"	3/16"		1.20
	70	./.		1 . 2

BRASS FITTINGS



Теє



Ell



45° Ell



Union



Cross



Shoulder Nipple



Reducer



Coupling



Lock Nut



Close Nipple



Plug



Bushing

1/8"	1/4"	3/8"	1/2"	3/4"	1"	11/4"	11/2"	2"	21/2"	3"	31/2"	4"
Each	Each	Each	Each	Each	Each	Each	Each	Each.	Each	Each	Each	Each
Elbows, 90°\$.12	\$.15	\$.20	\$.28	\$.40	\$.63	\$.90	\$1.20	\$2.00	\$3.50	\$6.00	\$8.00	\$10.00
Elbows, Reducing	.19	.25	.35	.50	.80	1.10	1.50	2.50	4.25	7.50	10.00	12.50
Elbows, 45°	.20	.25	.31	.40	.63	.90	1.20	2.00	3.50	6.00	8.00	10.00
Tees	.21	.28	.40	.55	.85	1.25	1.70	2.80	5.00	8.50	11.00	14.00
Tees, Reducing	.25	.35	.50	.70	1.05	1.55	2.10	3.50	6.25	10.50	14.00	17.50
Crosses	.30	.40	.55	.80	1.25	1.80	2.40	4.00	7.00	12.00	16.00	20.00
Crosses, Reducing	.38	.50	.70	1.00	1.55	2.25	3.00	5.00	8.75	15.00	20.00	25.00
Couplings10	.13	.17	.25	.37	.55	.80	1.00	1.60	2.50	3.50	5.25	7.00
Couplings, R. & L13	.17	.22	.30	.45	.70	1.00	1.30	2.00	3.10	4.50		
Couplings, Reducing	.15	.20	.28	.40	.60	.90	1.10	1.75	2.75	4.00	6.00	8.00
Bushings, Regular	.10	.12	.15	.22	.35	.50	.70	1.00	1.50	2.50	3.75	5.00
Plugs, Regular	.10	.12	.15	.20	.30	.45	.60	.95	1.50	2.25	3.75	5.00
Caps	.13	.16	.20	.30	.42	.60	.80	1.25	2.50	3.50	5.50	7.00
Locknuts	.10	.12	.15	.20	.28	.40	.55	.80	1.75	2.75	4.00	5.00
Return Bends, Close30	.40	.55	.70	1.00	1.25	1.80	2.50	4.25	7.00	10.00		
Return Bends, Open	.50	.60	.80	1.10	1.40	2.15	3.00	4.75	8.25	11.00		
Y Branch		.60	.75	1.10	1.65	2.50	3.30	5.50	9.50	16.00	21.00	26.00
Unions	.50	.65	.85	1.15	1.60	2.25	2.70	4.00	7.50	11.50		
Reducers	.15	.20	.28	.40	.60	.90	1.10	1.75	2.75	4.20	6.00	8.00

BRASS NIPPLES

	Length				DICAS	o idil i	LLU					
Size	Close	Close Each	1½" Each	2" Each	2½" Each	3" Each	3½" Each	4" Each	4½" Each	5" Each	5½" Each	6" Each
1/8"	3/4"	\$.11	\$.13	\$.15	\$.17	\$.19	\$.21	\$.23	\$.25	\$.27	\$.29	\$.31
1/4"	7/8"	.13	.16	.19	.22	.25	.28	.31	.34	.37	.40	.43
3/8"	1 "	.15	.19	.23	.27	.31	.35	.39	.43	.47	.51	.55
1/2"	11/8"	.23	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70
3/4"	13/8"	.28		.35	.42	.49	.56	.63	.70	.77	.84	.91
1 "	11/2"	.37		.44	.53	.62	.71	.80	.89	.98	1.07	1.16
11/4"	15/8"	.60			.75	.88	1.01	1.14	1.27	1.40	1.53	1.66
11/2"	13/4"	.70			.90	1.05	1.20	1.35	1.50	1.65	1.80	1.95
2 "	2 "	1.00			1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60

CAST BRASS ROUND STRAINERS Plain



Fig. 6781

No.	Dian	neter	Each
5693	21/	5"	\$.35
5694	3	-"	.50
5695	4	"	.65
5696	5	"	1.00
5697	6	"	1.50
5698	8	"	3.00

CAST BRASS OVAL STRAINERS Plain



Fig. 6783

No.	Size	Each
1	31/2" x 21/2"	\$ 75
2	4 "x3"	1.00
3	5 "x 3 3/4"	1.50
	/-	

CAST BRASS "HIGH SPEED" WATER INTAKES Plain

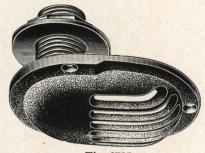


Fig. 6785

No.	Size of Strainer	Size of Pipe	Each
0	31/2" x 21/2"	1/2"	52.25
1	4 "x3 "	3/4"	2.50
2	5 "x 3 3/4"	1 "	3.00

CAST BRASS INLET CONNECTIONS Plain



Fig. 6787

No.	Size of Pipe	Each
5699	1/4"	\$1.25
5700	3/8"	1.50
5701	1/2"	2.00
5702	3/4"	2.50
5703		3.00
5704	11/4"	3.50
5705	$1\frac{1}{2}$ "	4.50
5706	2´-"	F F O

Made with Lead Pipe Coupling and Iron Pipe Thread. Furnished for Iron Pipe unless otherwise specified.

CAST BRASS OUTLET CONNECTIONS Plain



Fig. 6789

No.	Size of Pipe	Each
5707	1/4"	\$.50
5708	3/8"	
5709	1/2"	1.25
5710	3/4"	1.50
5711	1'"	2.00
5712	11/4"	2.50
5713	11/2"	2 70
5714	2'2"	150

Made with Lead Pipe Coupling and Iron Pipe Thread. Furnished for Iron Pipe unless otherwise specified.

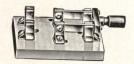
BATTERY SWITCHES Porcelain and Composition Base



No. 707 Fig. 6791



No. 708 Fig. 6793



No. 710 Fig. 6795

			Porcelain	Composition
No.	Size of Base	A	Base	Base
		Amperes	Each	Each
707	11/8" x 31/8"	25	\$.20	
708	13/8" x 37/8"	25	Ψ.20	\$.22
			.32	.34
710	$25/8'' \times 37/8''$	25	.50	.80

BATTERY SWITCHES Composition Base



No. 1 Fig. 6797



No. 2 Fig. 6799

No.	Size of Base	Amperes	Each
1	$1_{\frac{1}{16}}^{1} \times 2_{\frac{1}{16}}^{1}$ $1_{\frac{1}{16}}^{1} \times 2_{\frac{1}{4}}^{1}$	25	\$.20
2	$1\frac{1}{16}$ " x $2\frac{1}{4}$ "	25	

BATTERY SWITCH Composition Base



Fig. 6801

No.	Size of Base	Amperes	Each
5	1" x 21/4"	25	\$.40
	C · 1 11 1		

Spring holds lever in neutral position and in each contact. Blade cannot fall out of hinge even if screw is removed.

PRIMARY WIRE



Fig. 6803

No.	Size		Per 100 Ft.
5715	1/32"	Single Braid	\$5.00
5716	1/32"	Plain Rubber Covered	4.50

MAGNETO WIRE



Fig. 6805

No.	Size	Per	100 Ft.
5717	7/64"	Single Braid	\$10.00
5718	7/64"	Plain Rubber Covered	9.00

"SLIP SNAP" TERMINALS



Fig. 6807

No.		Per 100
5719	Primary—Magneto—Secondary	\$4.50

BEMIS TIMERS



Fig. 6809 Universal Type No. 1400

No.	Cylinders	Each
5720		\$5.00
5721	2	5.50
5722	3	6.00
5723	4	6.50
5724	6	7.50
S	andard Size of Shaft, ½", but can be made to any s	size up to $\frac{5}{8}$ ".

AMMETERS AND VOLTMETERS

Fig. 6811

No.		Each
5725	Ammeters 0 to 40 Amperes	\$1.40
5726	Voltmeters 0 to 10 Volts	1.70
5727	Combination Volt-Ammeter	1.80



JUMP SPARK COILS

Box Type

No.		Each
51	Single Cylinder	\$4.50
52	Double Cylinder	9.00
54	Quadruple Cylinder	18.00

This trouble-proof coil is designed and guaranteed to give service under the most adverse operating conditions. It is most economical in battery consumption and produces at all times a hot intensive spark.

The construction of the vibrator is such that the coil cannot be adjusted to stop the engine from working; nor can it be adjusted to consume an excessive amount of battery current, thereby prolonging the life of the dry cells.

The windings and condenser are so carefully balanced that arcing at contact points is practically eliminated, thereby insuring long life to the points, as well as absolute protection against sticking and freezing. Points used are made of the very best grade of tungsten.

Coils are assembled in dovetailed highly polished seasoned oak cases

and are sealed in a waterproof compound.

EDISON TYPE MAKE AND BREAK COILS

No.		Each
5728	Special Block Type	\$4.00
5729	Round End Type	3.00
5730	Square End Type	2.25

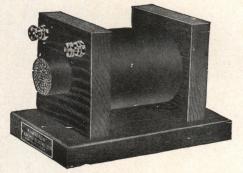


Fig. 6815



Fig. 6817

MAKE AND BREAK COILS

Steel Case

No.	Size	Each
10	21/4" x 21/4" x 6"	\$1.75
20	21/4" x 21/4" x 6"	2.25

Above coils equipped with single throw switch, add 10 cents to List Price. Above coils equipped with double throw switch, add 20 cents to List Price.

These coils are designed to answer the most rigid requirements of stationary and marine Make and Break Gas Engines. A hot, flaming arc is produced under compression with a minimum current consumption.

Coils are assembled in a substantial black enameled steel case, and immersed in a special insulating compound, which renders them impervious to moisture.



SPARK PLUGS

"AUBURN LONG HENRY"

No.	Size		Each
50	1/2"	Standard	\$.90

Fig. 6819

KINGSTON MICA



Fig. 6821



Fig. 6823 Waterproof

RAJAH

No.	Size		Each
5732	1/2"	Standard	\$1.00
5733	1/2"	Waterproof	1.50
5734		Porcelain	.50



Fig. 6825 Standard



BOSCH

Fig. 6827

CAST BRASS STERN BEARINGS Plain



Fig. 6829

	Bored	Drilled for	
No.	for Shaft	Fastening	Each
5736	1/2"	1/4"	\$1.00
5737	5/8"	3/8"	1.10
5738	3/4"	3/8"	1.15
5739	7/8"	7 1 6 m	1.30
5740	1 "	17 " 16 "	1.50
5741	11/8"	1/2"	2.00
5742	11/4"	1/2"	2.20
5743	1'3/8"	1/2"	2.50
5744	11/2"	1/2"	3.00
5745	15/8"	1/2"	4.00
5746	13/4"	5/8"	5.00
5747	17/8"	5/8"	
5748	2 "	5/011	6.00

CAST BRASS STUFFING BOXES Plain



Fig. 6831

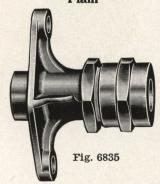
	Bored	Drilled for	
No.	for Shaft	Fastening	Each.
5749	1/2"	1/4"	\$1.00
5750	5/8"	3/8"	1.20
5751	3/4"	3/8"	1.50
5752	7/8"	7 11	1.75
5753	1 "	7/1	2.00
5754	11/8"	1/2"	2.40
5755	11/4"	1/2"	2.80
5756	13/8"	1/2"	3.75
5757	11/2"	1/2"	4.50
5758	15/8"	1/2"	5.50
5759	13/4"	5/8"	7.00
5760	17/8"	5/8"	7.50
5761	2 "	5/8"	8.00

CAST BRASS EXTRA HEAVY STERN BEARINGS Plain



No.	Bored for Shaft	Base Dimensions	Length	Drilled for Fastening	Plain Each
5762 5763 5764	3/4" 7/8"	5½" x 25/8" 5¾" x 2¾" 6¾" x 3¼"	35/8" 4 " 41/4"	$\frac{7}{16}''$	\$2.00 2.30 2.70
5765 5766	11/8"	$6\frac{1}{2}$ " x $5\frac{3}{8}$ " $6\frac{7}{8}$ " x $3\frac{5}{8}$ "	43/8"	1/2" 5/8"	3.35
5767 5768 5769	1 3/8" 1 1/2"	$7\frac{3}{4}$ " x $3\frac{7}{8}$ " $8\frac{1}{2}$ " x $4\frac{1}{8}$ "	53/8"	5/8" 5/8"	5.95
5770 5771	15/8" 13/4" 17/8"	9½" x 4½" 9½" x 4½" 10 "x 4½"	6½" 7 " 7½"	3/4" 3/4"	8.75 10.65
5772	2 "	$10\frac{1}{2}$ " x $4\frac{3}{4}$ "	8 "	3/4"	13.60

CAST BRASS EXTRA HEAVY STUFFING BOXES Plain



		Base		Drilled	Plain
No.	Bored for Shaft	Dimensions	Length	for Fastenin	g Each
5773	3/4"	51/2" x 25/8"	35/8"	$\frac{7}{16}''$.	\$2.00
5774	7/8"	53/4" x 23/4"	4 "	7"	2.30
5775	1 "	63/8" x 31/4"	41/4"	1/2"	2.70
5776	11/8"	61/2" x 33/8"	43/8"	1/2"	3.35
5777	11/4"	67/8" x 35/8"	43/4"	5/8"	4.70
5778	13/8"	73/4" x 37/8"	53/8"	5/8" .	5.95
5779	11/2"	81/2" x 41/8"	6 "	5/8" .	6.75
5780	15/8"	91/8" x 43/8"	61/3"	3/4"	8.75
5781	13/4"	95/8" x 41/2"	7 "	3/4"	10.65
5782	17/8"	10 "x 45/8"	71/2"	3/4"	12.25
5783	2 "	$10\frac{1}{2}$ " x $4\frac{3}{4}$ "	8 "	3/4"	13.60

BLOOD BROS. UNIVERSAL JOINTS



Model	75.	ATT TO			
Model	Maximum	*H. P.	Fig. 6837		
and Size	Shaft	at 1000		Standard Keyway Sizes	
of Taint	T): 1		T:	Standard Ixey way Sizes	
of Joint	Diameter	R. P. M.	Diameter Shaft	Width Keyway	Each
A-1	11/4"	13	3/4" to 7/8"	3 //	¢12 57
	/ 7	10	74 10 78	3"	\$13.57
A-2	11/2"	26	15" to 11/8"	1/4"	14.85
			16 10 1/8	/4	14.0)
A-3	17/8"	34	$1\frac{3}{16}$ " to $1\frac{3}{8}$ "	5 "	19.64
A 4				16	17.07
A-4	17/8"	41	$1\frac{7}{16}$ " to $1\frac{5}{8}$ "	3/8"	22.14
A-5		()			
A-)	21/8"	62	1 11 to 1 7/8"	7 "	24.64
**A-5	25/11	62			
	25/8"	62	1 15" to 21/8"	1/2"	30.04
**A-6	2 11	112			
H-0	,	. 112	$2\frac{3}{16}''$ to $2\frac{3}{8}''$	$\frac{9}{16}''$	40.50
VIII			10 . /0	1.0	

*This is the maximum power the joint is recommended to continuously transmit at this speed under average conditions. A definite recommendation, however, cannot be made without detailed information of the conditions under which the joint must operate.

**With these two exceptions, all joints are made with drop forged steel

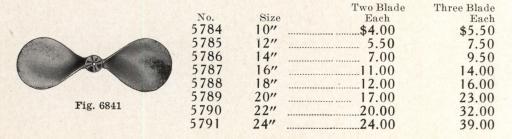
yokes. These are made with steel cast yokes.

FLANGE COUPLINGS



	Diameter	Diameter	Diameter	Fig. 6839	
No.	Flange	Hub	Shaft	Keyway	Each
1	4 "	21/8"	11/4"	1/4"	\$3.75
2	45/8"	23/8"	11/2"	5''	4.50
3	51/2"	31/4"	2 "	3/8"	8.00
4	61/4"	31/2"	21/4"	3/8"	8.75
5	71/2"	4 "	21/2"	1/2"	11.00
6	9 "	51/2"	3 "	1/2"	15.00
	Interchar	ngeable En	ds. Male a	and Female Joints.	

BRONZE PROPELLERS



WATER BREAKERS Galvanized Hoops without Handles

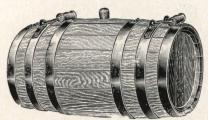


Fig. 6843

No.	Capacity	Each
5792	3 Gals.	\$5.50
5793	5 Gals.	6.00
5794	8 Gals.	6.75
5795	10 Gals.	7.25
5796	15 Gals.	8.00
5797	20 Gals.	10.00
5798	25 Gals.	12.00
THE DATE OF THE PARTY OF THE PA		 12.00

If with Handles as shown in cut add 50 cents net. Brass Hoops and Handles furnished to order.

BREAD BREAKERS To Comply With New Law



Fig. 6845

No.	Size		Each
5799	12" x 12" x 18	8" High	
5800	Cover only	7 Ingii	42.00
3000	Cover only		2.50

Made of Heavy Galvanized Iron with side handles fitted with a 5" opening protected with a heavy cast brass screw and cap, machine threaded, with space for a pliable rubber gasket to insure a tight fit.

Will hold 25 lbs. of hard bread (30 rations) equaling 15 lbs. of Powell's U. S. Army emergency rations.

CAULKING MALLETS Locust Handles

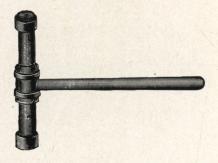


Fig. 6847

No.	Live Oak	Per Doz.
0000	Polished Steel Rings, Tempered	\$72.00
000	Polished Steel Rings	60.00
00	Polished Steel Rings	50.00
0	Polished Steel Rings	
1	Black Mesquite	60.00
2	Black Mesquite	50.00
3	Cocobolo	44.00
4	Rosewood	44.00
5	White Oak	36.00

HAWSING BEETLES Wrought Iron Rings



Fig. 6849

No.		Per Doz.
5801	Live Oak	\$48.00
5802	White Oak	40.00

Ash, Cedar Mahogany,

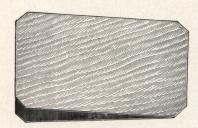
DECK PLUGS



Fi	-	0	റ	_	-

		Cypress, Oak,	Cherry, Black
	White Pine	Yellow Pine	Walnut, Teak
\$.90	\$1.05	\$1.50	\$2.50
.90	1.10	1.60	2.60
1.00	1.15	1.70	2.70
1.05	1.25	1.80	2.80
1.15	1.35	1.90	2.90
1.25	1.55	2.00	3.00
1.75	2.00	2.50	3.50
2.20	2.50	2.75	
2.5 0	2.75	3.00	
2.75	3.00	3.50	
3.00	3.50	4.00	
	1.15 1.25 1.75 2.20 2.50	\$.90 \$1.05	\$.90 \$1.05 \$1.50 .90 1.10 1.60 .1.00 1.15 1.70 .1.05 1.25 1.80 .1.15 1.35 1.90 .1.25 1.55 2.00 .1.75 2.00 2.50 .2.20 2.50 2.75 .2.50 2.75 3.00 .2.75 3.00 3.50

TREENAIL WEDGES Yellow Pine or Oak



Size	Fig. 6853	er 1000
7/8" to 11/4"		\$1.25
13/8" to 11/2"		1.50

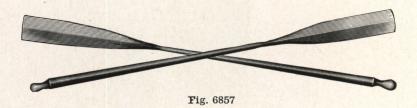
MAST HOOPS



Size	Fig. 6855	Per Inch
6" to 23"		\$.041/2
24" to 27"		.05
28" to 30"		.061/4
31" to 34"		.071/4

Dimensions specified are Inside Diameters.

BEST ASH SCULLS AND OARS



Length, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, 9, 10, 12, 14, 16 ft.

Cents per Foot

SPRUCE SCULLS



Fig. 6859 Length, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, 9, 10, 12 ft.

Cents per Foot

EXTRA SPRUCE STRAIGHT SCULLS



Fig. 6861

No.	Size	Per Pair
5803	6 ft.	\$3.75
5804	$6\frac{1}{2}$ ft.	4.00
5805	7 ft.	4.25
5806	$7\frac{1}{2}$ ft.	4.50
5807	8 ft.	4.75
5808	9 ft.	5.50
5809	10 ft.	6.00

These Sculls are made from selected white spruce, and are copper-tipped, leathered and finished with spar composition.

SINGLE CANOE PADDLES Spruce or Maple



Fig. 6863

No. Size Each 5810 4 to 6 ft. \$3.00

DOUBLE CANOE PADDLES Spruce or Maple



Fig. 6865

No.	Size	Each
5811	9 to 10 ft. Straight Blade	\$10.00
5812	9 to 10 ft. Spoon Blade	15.00

EXTRA SPRUCE SPOON SCULLS



Fig. 6867

No.	Size	Pe	er Pair
5813	6 ft.		\$4.25
5814	$6\frac{1}{2}$ ft.		4.50
5815	7 ft.		4.75
5816	$7\frac{1}{2}$ ft.	/ <u> </u>	5.00
5817	8 ft.		5.50
5818	81/2 ft.		5.75
5819	9 ft.		6.00
5820	10 ft.		6.50
The second second			0.50

These are made from selected Spruce, Coppered, Leathered and Varnished with Spar Composition. They are hand made from well seasoned wood, and guaranted to give perfect satisfaction.

SOLID CORK LIFE BELTS For Inland Service

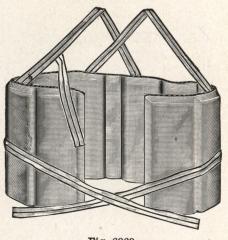


Fig. 6869

No.	Size	Each
5821	Adults	\$2.00
5822	Children	
Pas Bays and	sses U.S. d Lakes (Steamboat Inspection for Boats plying in Rivers, Harbors, other than the Great Lakes) of the United States.

JACKET COLLAR TYPE LIFE PRESERVERS For Ocean Service

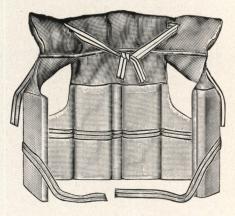


Fig. 6871

No.	Size	77-1
5823	A 1 1.	Each
	Adults	\$4.00
5824	Children	3 (10
Pa	sses U.S. Steamboa	t Inspection for Ocean Going Vessels

CORK RING BUOYS

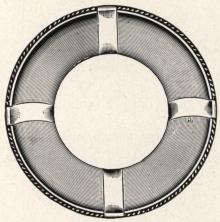


Fig. 6873

No. Ou	itside Dia	meter	Consolidated Cork	Solid Cork
5825	15"		\$1.80	\$4.00
5826	17"		2.00	4.60
5827	19"		2.25	5.00
5828	21"		2.50	5.70
5829	24"		2.80	6.70
5830	27"		3.20	7.30
5831	30"		3.50	8.40

The 30" Solid is approved by U. S. Steamboat Inspection.

CUSHION OR PILLOW



Fig. 6875

No.	Size	Each
5832	16" x 16"	\$ 1.25

A soft, downy, comfortable Cushion or Pillow that will hold its shape, always fluffy; will not mat down. Covered with Spanish Artificial Leather. Colors—Red, Tan or Green.

CANVAS FENDERS Cork Filled



		Fig. 6877	
No.	Size		Each
5833	3 "x 12"		\$.50
5834	31/2" x 15"		75



		Fig. 6879	
No.	Size		Each
5835	4" x 16"		\$1.25
5836	5" x 18"		1.60
5837	6" x 22"		1.90
5838	8" x 22"		2.25
5839	10" x 24"		3.00
5840	12" x 30"	and the second s	4.50

MANILA BRAIDED FENDERS



No Longth	
No. Length	Each
No. Length 1 12"	\$ 60
2 16"	75
3 18"	1.00
4 20"	1.20

NETTED FENDERS Cotton and Manila Rope



Fig. 6883 Filled with Cork

		I med with cork	
		Man	ila Cotton
No.	Size	Ea	ch Each
5841	3" x 12"	\$1.4	
5842	4" x 16"	2.7	25 2.50
5843	5" x 18"	2.	75 3.25
5844	6" x 22"	3.4	50 4.50
5845	8" x 22"	4.2	
5846	10" x 24"	6.0	
5847	12" x 30"	9.0	00

CANVAS BOW FENDERS



No.	Size	Fig. 6885	Each
5848	2 "x 16"	4	1.00
5849	21/2" x 24"		1.25
5850	3 "x 30"		1.50

TRIPOD BOW FENDERS Canvas and Hide



No.		Fig. 6887	Each
1	Canvas		\$1.25
2	Canvas		1 75
1	Rawhide		1 75
2	Rawhide	/	2.25

COTTON NETTED BOW FENDERS



No.	Size	Fig. 6889	Each
5851	3 "x 20"		\$2.00
5852	31/2" x 24"		2.50
5853	4"x 30"		3.00

CANVAS DIAMAND FENDERS



No. S	ize F ig. 6891	Per Doz.
5854 4" x	4" With Loop not Bound	\$2.50
5855 5" x		3.50
5856 4" x	4" With Lanyard and Bour	nd
5857 5" x	5" With Lanyard and Bour	nd 5.00

NETTED ROPE FENDERS Tarred Rope



Fig. 6893

No.	Length	Each
1	Length 16"	55.00
2	18"	5.50
3	20"	6.00
4	22"	6.70

CANVAS BALLAST BAGS With Rope Handle



Fig. 6895

No. 5858	Size 10" x 15"	Capacity 25 lbs.	Each \$.75
0000	IU X IJ	4) IDS.	J.//
5859	12" x 18"	50 lbs.	1.00

CANVAS BUCKETS



Fig. 6897

No.		I	Per Doz.
5860	Canvas Bottom		\$18.00
5861	Wooden Bottom		24.00

CANVAS MOORING BUOYS



Fig. 6899

No.	Diameter	Height	Each	
5862	10"	8"	\$2.00	
5863	12"	10"	3.00	

MOORING OR PICK-UP BUOYS Galvanized Iron



Fi	g.	69	01	

No.	Size	Each	No.	Size	Each
		\$4.50 50			



SOLID CORK MOORING BUOYS



Fig. 6905

No.	Size	Each
10	9"x 9"x 9"	\$1.50
	12" x 12" x 12"	

SOLID CORK MOORING BUOYS

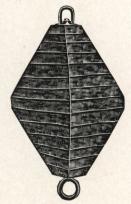


Fig. 6907

No.	Size	Each
00	6" x 6" x 12"	\$4.00
0	8"x 8"x 16"	6.00
1	12" x 12" x 24"	8.00
2	16" x 16" x 30"	

SHEET BRASS TEETH GROMMETS





Fig. 6909

No.	Diameter of Hole When Inserted	Per Gross
0	3"	\$.60
1	1/4"	.90
2	3/8"	1,25
3	7/16"	1.75
4	$\frac{9}{16}''$	2.75
5	5/8"	4.00

CONICAL POINT BRASS GROMMETS

Heavy Cast Brass Tops Brass Tubes—Rolled Rim





	Diameter of Hole	Fig. 6911	
No.	When Inserted		Per Gross
2	3/8"		\$2.00
3	7."		2.70
4	1/2"		3.60
5	5/8"		4.75
6	3/4"		6.25
7	7/8"		8.50
8	11"		10.00
	D 11 1 16		

Rolled Rim Tubes only of any size will be furnished at one-half of the list for the Grommets complete.

CAST BRASS LAUNCH CURTAIN TOGGLES Plain



No.		Fig. 6913	Per Doz.
1	For Single Curtains		\$1.32

WROUGHT BRASS AUTO CURTAIN FASTENERS Polished







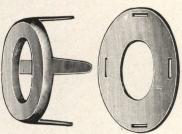


		Fig. 6915	
No.	Size Base		Per Gross
10	1/2" x 1 1/4"	Single Curtains	\$7.80
12	$1/2'' \times 11/4''$	Double Curtains	10.20

CAST BRASS AUTO CURTAIN FASTENERS Polished







No.	Size Base		Fig. 6917	Per Doz.
1	1 5 // 13//	S:1 C		I el Doz.
2	1 16 X 16	Single Curtains		\$1.50
4	$\frac{1}{16}$ " $\times \frac{13}{16}$ "	Double Curtains	<u></u>	1 75

CAST BRASS GROMMET KNOB



No.	Fig. 6919	Per Gross
5864		\$4.80
To be used	with No. 3 C. P. Grommets.	

GROMMET HOOKS



No.	Fig. 6921	Per Gross
5865	Wrought Plain Brass	\$5.64
5866	Dipped Cast Brass	5.64
5867	Polished Cast Brass	7.56
5868	Galvanized	2.50

STEEL CUTTING PUNCHES



Fig. 6923

No.	Diam. of Hole	Each
0	1/4"	\$1.00
1	5 "	1.00
2	11/32"	1.20
3	3/8"	1.30
4	7 //	1.50
5	1/2"	1.75
6	9"	2.00
7	11"	2.25
8	7/8"	2.50

CAST STEEL INSERTING DIES



Fig. 6925

No	Each
0	 \$2.00
1	 2.15
2	2.25
3	2.35
4	2.50
5	2.70
6	3.00

MIDGET GROMMET DIES

Fig. 6927

No. Each	No.	Each
0\$.60	2	.60
1	3	60

The "Midget" Die is for the customer who has a few Grommets to insert, and is not designed for commercial use. It is made to sell at a low price and is not warranted. Sets sheet brass washer and teeth Grommets only.

SAIL NEEDLES Lolley's Short Square

Fig. 6929

No.	Length	Kind	
			Per 100
5869	23/8"	Flat Seam	\$2.00
5870	25/8"	Tabline	2.00
5871	27/8"	Old Work	2.50
5872	3 "	Store	2.50
5873	31/4"	Head Rope	
5874	31/2"	Small Bolt Rope	4.00
5875	35/8"	Middle Bolt Rope	5.00
5876	4 "	Large Bolt Rope	6.75
5877	41/4"	Small Marline	8.50
5878	41/2"	Large Marline	11.00

SAIL NEEDLES Smith's Long Square

Fig. 6931

No.	Length	Per 100	No.	Length	Per 100
17	21/4"	\$2.00	13	31/8"	3.00
171/2	23/8"	2.00	12		4.00
16	21/2"	2.00	11	31/2"	5.50
161/2	21/2"	2.00	10	4 "	7.00
15	25/8"	2.00	9	41/4"	9.00
151/2	23/4"	2.00	8		11.00
14	27/8"	2.50	7		13.00
141/2	3 "	2.50	6	5 "	17.00

PACKING OR SACK NEEDLES

Fig. 6933

No.	Length	Per Gross	No.	Length	Per Gross
15	21/2"	\$2.50	9	6 "	8.50
14	3 "	2.75	8	61/2"	11.00
13	31/2"	3.00	7	7 "	12.50
12	4 "	4.00	6	8 "	17.00
11	41/2"	5.25	5	9 "	22.50
101/2	5 "	6.25	4	10 "	32.00
10	51/2"	6.75			

SAILORS' PALMS



Fig. 6935

No.			Per Doz.
1	Half Hide Mounted, Seaming	1	\$3.90
2	Full Hide Mounted, Seaming		
3	Brass Mounted, Seaming		
4	Hide and Brass Mounted, Seaming		6.40
5	Hide Mounted, Seaming with Buckle		6.40
6	Common Roping Palm for Sailors		6.50
7	All Hide Seaming, Extra Stitched with Buckle		17.55
8	All Hide Seaming, Extra Stitched		
11	All Hide Roping, Extra Stitched		20.15

SHEATHS AND BELTS



Fig. 6937

No. Width of Belt	Per Doz.
1 3/4"	\$6.00
2 7/8"	7.20
3 1 "	9.00

Belts Only

Fig. 6939

No.	Width of Belt	Per	r Doz.
1	3/4"	\$	4.20
3	1/8"		6.60

Sheath Knives

Fig. 6941

No.	Size		Per Doz.
5879	41/2"	Cocoa Handle	\$9.00

AMERICAN IMPROVED TYPE LIGHTS Side Lights Galvanized Iron and Polished Brass and Copper



Fig. 6943

No. 5880 5881	Size of Glass Width Height 63/4" x 63/4" 10 "x 71/2"		Height 143/4" 181/2"		\$16.00 29.00	Per Pair \$22.50 - 38.00	
F	resnal Glass, Gu	arded.	Side Doo	r. Hing	ge Burner a	and Chimi	ney.

MAST HEAD, RANGE OR TOWING LIGHT Galvanized Iron and Polished Brass and Copper



Fig. 6945

	Size of Glass	Height	Extreme	Width	Galvanized	Brass	Copper
No.	Width Height	Frame	Height	Base	Each	Each	Each
5882	61/2"x6 "	101/2"	141/4"	71/2"	\$9.75	\$13.50	\$18.50
5883	8 "x 71/4"	133/4"	181/4"	91/4"	16.00	20.00	25.00
F	resnal Glass,	Guarded.	Door	on Back.	Hinge Top	. Hinge	Burner
and Ch	nimney.					Ü	

All above can be furnished Combination Oil and Electric at \$3.00 each extra.

AMERICAN IMPROVED TYPE LIGHTS

Anchor Lights
Galvanized Iron and Polished Brass and Copper



This	CO 10
Fig.	D947

		Height	Height	Extreme		Galvanized	Brass	Copper
No.	Glass	Glass	Frame	Height		Each	Each	Each
5884	6"	61/2"	121/2"	161/4"		\$8.00	\$13.00	\$16.00
5885	8"	71/4"	133/4"	191/4"		13.50	18.00	22.00
			With	Ruby, G	reen or Blu	ie Glass		
No.						Galvanized	Brass	Copper
						Each	Each	Each
5886						\$10.00	\$15.00	\$18.00
5887						1650	21.00	24.00

Fresnal Glass, Guarded. Hinge Top and Bottom. Spring Fount. Hinge Burner and Chimney.

All the above can be furnished Combination Oil and Electric at \$3.00 each extra.



BRASS ELECTRIC POLE LIGHT Polished

No. Diameter of Ball
1018 3"

For Class 1 and 2 Boats.

This Pole Light can be placed on the flag pole after removing the wooden ball. Fasten to Pole by a Thumb Screw.

Fig. 6949

Complete with 5 feet of waterproof cord.

BRASS ELECTRIC CANOE FLAG POLE AND LIGHT Polished

No. of Ball of Pole Each
1020 3" 24" \$6.00

Complete with 2 feet of waterproof cord.



Each

\$5.00

COMBINATION MOTOR BOAT LIGHT Brass and Galvanized Fresnal Lenses



Fig. 6953 Class 1—Boats 25 Ft. and Under

No.	Size of Glass	Height	Width	Galv. Iron Each	Pol. Brass Each
	3" x 4"			\$6.00	\$7.50

STERN LIGHTS Brass and Galvanized Fresnal Lenses



Class 1-Boats 25 Ft. and Under

No.	Size of Glass	Height	Width	Galv. Iron I	Pol. Brass Each
5889	31/2" x 3"	83/4"		\$2.50	\$4.00
	Ruby, Gre	en or Blu	e	3.50	5.00
A	my of the abo	ve Lights	fitted for Elec	tricity at \$.75 each extra.	

SIDE LIGHTS Brass and Galvanized Fresnal Lenses

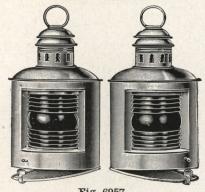


Fig. 6957

Class 2-For Boats 26 to 39 Ft.

	Size	Number	Galv. Iron	Pol. Brass
No.	Clear Glass	Square Ins.	Per Pair	Per Pair
5890	4" x 5"	20"	 \$6.50	\$9.50

BOW LIGHTS Brass and Galvanized Fresnal Lenses



Fig. 6959

Class 2—For Boats 26 to 39 Ft.

	Size	Number	Galv. Iron	Pol. Brass
No.	Clear Glass	Square Ins	. Each	Each
5891	4" x 71/2"	30"	\$5.00	\$6.75

Any of the above Lights fitted for Electricity at \$.75 each extra.

SIDE LIGHTS Brass and Galvanized Fresnal Lenses

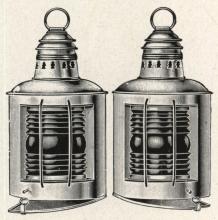


Fig. 6961

Class 3-For Boats 40 to 65 Ft.

No.	Size N	umber are Ins.	Galv. Iron Per Pair	Pol. Brass Per Pair
5892	53/4" x 51/4"	30"	\$6.75	\$9.75

BOW LIGHTS Brass and Galvanized Fresnal Lenses



Tim	CC	00
Fig	. 65	100

 No.
 Size Clear Glass
 Number Square Ins.
 Galv. Iron Each
 Pol. Brass Each

 5893
 4½" x 7¾"
 35"
 \$5.25
 \$9.00

Any of the above Lights fitted for Electricity at \$.75 each extra.

STERN OR ANCHOR LIGHT Brass and Galvanized Fresnal Lenses



Fig. 6965 For Class 2 or 3

No.	Diameter of Glass	Height of Glass	Extreme Height		Galv. Iron Each	Pol. Brass Each
21		41/4"	0		\$3.00	\$5.00
	With Ru	aby, Gree	n or Blue	Globes	4.50	6.50

ANCHOR LIGHTS Brass and Galvanized Fresnal Lenses



Fig. 6967

					Wit	th Ruby or G	reen Globes
	Diameter	Height	Extreme	Galv. Iron	Pol. Brass	Galv. Iron	Pol. Brass
No.	of Glass	of Glass	Height	Each	Each	Each	Each
Stern	3 "	31/2"	11"	\$2.50	\$4.00	\$3.50	\$5.00
21	43/4"	41/4"	14"	3.00	5.00	4.50	6.50
22	6 "	53/4"	18"	5.25	10.00	7.00	11.75
221/2	6 "	61/2"	19"	6.00	10.50	10.00	15.00
23	81/2"	7 "	23"	10.50	15.00	13.50	18.00

BOW LIGHTS Brass and Galvanized Fresnal Lenses



Fig. 6969

No.	Size of Glass Width Height	Extreme Height	Width Base	Galv. 1ron Each	Pol. Brass Each
12	43/4" x 41/4" 5 "x 5 "	10"	5 1/4" 5 3/4"	\$5.00 5.25	\$6.75 9.00
14	6 "x6 "	15"	91/2"	5.75	9.50
15 16	$6\frac{3}{4}$ " x $6\frac{3}{4}$ " 9 " x 8 "	15" 21"	$\frac{91/2''}{101/2''}$	6.00	10.00

BULLS EYE OR POLICE DARK LANTERNS Japanned or Polished Brass



Fig. 6971

No.		Extreme Height			Polished Each
5894	3"	8"	3"	\$3.00	\$6.00

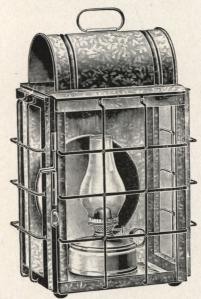
REGULATION PIER LIGHTS Galvanized Iron Fresnal Lenses



Fig. 6973

No.		Each
5895	With Back Door and Sliding Front	\$16.00
5896	Combination Oil and Electric	
5897	With Drop Bottom and Snap Fount	14.00
5898	Combination Oil and Electric	
M	ade of Galvanized Iron strictly in accordance with	U. S. Regulations
	ting bridges. Showing 180 degrees Ruby Light.	

BULKHEAD LANTERNS Galvanized and Polished Brass



No.	Size		Fig. 6975	Galvanized Per Doz.	Brass Per Doz.
5899	7" x 11"	Plain		\$60.00	\$100.00
5900	9" x 13"	Plain	~	72.00	120.00
5901	7" x 11"	Guarded		84.00	140.00
5902	9" x 13"	Guarded		96.00	160.00

GLOBE LIGHTS Brass and Galvanized



Fig. 6977

	W.11 M.1.	01.1
T		e Globes
	Galvanized	Brass
of Glass	Per Doz.	Per Doz.
6"	\$30.00	\$54.00
8"	40.00	70.00
	O	of Glass Per Doz. 6" \$30.00

 With Ruby or Green Globes

 Galvanized
 Brass

 Per Doz.
 Per Doz.

 \$40.00
 \$66.00

 50.00
 90.00

EIGHT-DAY LIGHT With 8" Fresnal Lenses

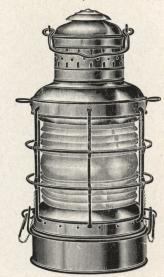


Fig. 6979	Galvanized	Brass
No. 5905 White Globe	Each	Each
5906 Ruby or Green Globe	\$16.00 19.00	\$25.00 28.00
Used as a Trap, Stake or Post Light—for eight days.	ount holds sufficient oi	l to burn

ENGINEERS' LANTERNS Brass and Galvanized



Fig. 6981	Galvanized	Brass
	Per Doz.	Per Doz.
White Globes	\$15.00	\$30.00
With Red, Green or Blue Globes	18.00	33.00

IMPROVED NAVY LANTERN Brass and Galvanized

No. 5907 5908



				Fig. 6983	With Whia	With White Globes	
No.	Diam. of	Height	Height	Diam.	Galvanized	Brass	
5909	of Globe	Globe 61/2"	Lantern 12"	Base 5 3/4"	Per Doz. \$18.00	Per Doz. \$36.00	
5910		-/4	een or Blu	-/7		44.00	
1			and Sprin		20.00	11.00	

BRASS BINNACLE LIGHTS Polished

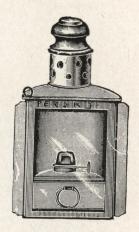


Fig. 6985

No.	Size of Glass Clear	Height Frame	Extreme Height	Width Base	Each
2	$2\frac{1}{4}$ " x 4. " 3 " x $4\frac{1}{2}$ "	5 "	71/2"	31/2"	\$3.50
3	33/4" x 51/4"	61/2"	8½" 10 "	41/4" 51/4"	4.00

BRASS SQUARE BINNACLE HEAD Polished



Fig. 6987

No.	Size of Compass	Height of Brass Top	Size of Box	With Handle Each
1	2"	31/2"	41/2"	\$9.00
2	3"	4 "	6 "	10.00

By removing wooden cover of compass box and inserting Binnacle Top, you have a complete Binnacle Head. In ordering, specify size and style of compass to be used.

Most adaptable Binnacle for small size boats. Made with one lamp.

This style Binnacle made to order to fit any size box.

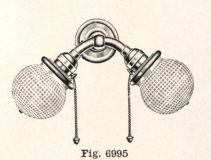
ELECTRIC LIGHT FIXTURES

For Motor Boats











No.	Description	With Pull Polished Brass Each	Chain Nickel Plated Each	Without Pul Polished Brass Each	
1000	Double Ball Wall Fixture	\$9.00	\$10.00		
1001	Double Ball Wall Fixture			\$8.00	\$9.00
1002	Triple Ball Ceiling Fixture	12.00	15.50		
1003	Triple Shade Ceiling Fixture	12.00	13.50		
1004	Triple Ball Ceiling Fixture			12.50	14.00
1005	Triple Shade Ceiling Fixture			10.50	12.50
1006	Single Ball 45° Wall Fixture	5.00	5.50		
1007	Single Ball 45° Wall Fixture			4.50	5.00
1008	Single Ball Upright Wall Fixture	6.00	6.50		
1009	Single Ball Upright Wall Fixtures			5.50	6.00
1010	Single Ball 90° Wall Fixture		6.00		
1011	Single Ball 90° Wall Fixture			5.00	5.50
1012	Double Shade Wall Fixture	8.00	9.00		
1013	Double Shade Wall Fixture			7.00	8.00
1014	Single Shade 90° Wall Fixture		5.50		
1015	Single Shade 90° Wall Fixture			4.50	5.00
1016	Single Shade 45° Wall Fixture	4.50	5.00		
1017	Single Shade 45° Wall Fixture			4.00	4.50

These lights are furnished without Bulbs. Regular Ediswan Base, Miniature size, will fit.

BRASS CABIN LAMPS



No.	Fig. 6999	Each
1	Complete with Chimney and Burner	\$3.20
2	Complete with Chimney and Burner	4.25



No. Projection Fig. 7001 Each
5911 71/4" Complete with Burner and Chimney \$4.00
Double swing, weighted bottom.



BRASS STIFF BRACKET CABIN LAMP Polished



No.	Projection	Height	Fig. 7005	Each
5913 5914	8" 8"		With Chimney and BurnerWith Tripod and 10" Opal Shade, complete	\$5.00

BRASS SWINGING CABIN LAMP Oxidized



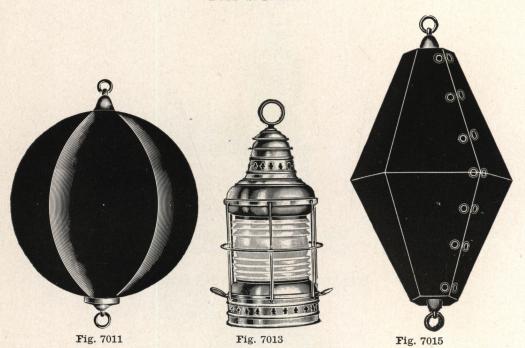
No.	Fig. 7007	Each
5915	Complete with Burner and Chimney	\$7.00
5916	Complete with Burner, Chimney, Tripod and Shade	9.00

BRASS SMOKE BELL Polished



No.	Diamete	r	Fig. 7009	Each
5917	6"			\$.50
5918	6"	With Arm		.90

DAY SIGNALS



No.		Each
1	Black and White Frustum, 24" x 48"	\$18.00
2	All Red Frustum, 24" x 48"	17.00
3	All Red Balls, 24"	9.00
4	Black and White Balls, 24"	
5	All Black Balls, 24"	7.00
6	White Fresnal Towing Light	6.00
7	Ruby Fresnal Towing Light	10.00

The following signals we guarantee to cover law in confirmation with new rules taking effect September 1, 1914. All of our Day Shapes are made of highest grade material and can be folded up when not in use and stowed away in a very small space.

RULE NO. 1—For vessels having submerged objects in tow, shall display in daytime one No. 1 shape and one No. 2 shape, and in the night, in addition to regulation lights, two Red No. 7 and two White No. 6 Towing Lights.

RULE NO. 2—For all style vessels fastened alongside of wrecks, or moored over a wreck, two of our No. 2 shapes are required during the day, and at night two of our No. 6 White and two of our No. 7 Red Towing Lights.

RULE NO. 3—Dredges in stationary positions require two of our No. 3 Red Balls during the day, and at night two of our No. 6 White Towing Lights and two of our No. 7 Red Towing Lights.

RULE NO. 4—For Self-Propelling Suction Dredges under way with their suctions in the bottom, require during the day two of our No. 5 Black Balls, and during the night, in adddition to regulation lights, two Red Mast Head Lights and two special Four Point Red Lights.

RULE NO. 5—For vessels which are moored or engaged in laying pipe on submarine construction during the day, one No. 4 Black and White Ball and one No. 3 Red Ball, and during the night three of our No. 7 Red Towing Lights.

HAND LAMPS Galvanized and Tin



Fig. 7017

No.	Capacity	Per Gross
5919	1 Pt.	\$18.00

PITCH PAYER Galvanized



Fig. 7019

No.	Per Doz.
5920	\$18.00

BOAT BAILER Galvanized



Fig. 7021

No.	Per Doz.
5921	\$12.00

WIDE MOUTH OILERS Copper Plated Steel



Fig. 7023

No.	Capacity	Diameter	Length of Spout	Per Doz.
12	1/4 Pint	23/4"	21/2"	\$4.50
13	1/3 Pint	33/8"	3 "	5.50
14AA	1/2 Pint	33/4"	5 "	8.00
15A	1 Pint	41/4"	5 "	9.75
16	1 Pint	41/4"	9 "	10.50

Solid Brass

Fig. 7025

No.	Capacity	Diameter	Length of Spout	Per Doz.
120	1/4 Pint	21/4"	21/2"	\$6.50
130	1/3 Pint	33/8"	3' "	8.00
140AA	1/2 Pint	33/4"	5 "	10.75
150A	1 Pint	41/4"	5 "	13.00
160	1 Pint	41/4"	9 "	14.00

These Oilers have machine cut threads. Collar, Cap, Bottom and Nozzle are assembled without solder, which makes solid joints. One inch opening allows easy filling. Plated inside and out. Spouts are interchangeable.

SEAMLESS DRAWN FOUNTS Without Burners



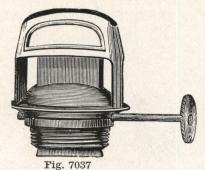
Fig. 7027

	Galvanized	Brass
For	Per Doz.	Per Doz.
Combination Lights	\$5.00	\$7.00
Class 2 Lights. Side and Bow	5.00	7.00
		7.00
Class 1 Anchor Lights	7.00	9.00
		7.00
Class 3 Anchor Lights	7.00	9.00
		7.00
	Combination Lights Class 2 Lights, Side and Bow Class 3 Lights, Side and Bow Class 1 Anchor Lights Class 2 Anchor Lights Class 3 Anchor Lights Navy Lanterns	For Per Doz. Combination Lights \$5.00 Class 2 Lights, Side and Bow 5.00 Class 3 Lights, Side and Bow 5.00 Class 1 Anchor Lights 7.00 Class 2 Anchor Lights 5.00 Class 3 Anchor Lights 7.00 Navy Lanterns 5.00

GLOBES For Engineers' Lanterns

			Fig. 7029	
No.				Per Doz.
5930	White			\$3.00
5931	Green			
5932				
5933	Red .			0
			For Navy Lanterns	
			Fig. 7031	
No.				Per Doz.
5934	White			\$4.50
5935	Green			
5936	Blue .			12.00
5937				
			Lip Chimneys	
			Fig. 7033	
	m. Bottom I	0		Per Doz.
0	13/8"	4 "	• 100	\$3.50
1	15/8"	41/2"		3.50
2	21/8"			
			Sun Hinge Chimneys	
			Fig. 7035	
No. Dia	m. Bottom I	Height		Per Doz.
1	23/8"	6"		\$3.75
				4.75

BRASS BURNERS



No.		Per Doz.
0	Class 1 Lights and Engineer Lanterns	\$1.25
1	Class 1 and 2 Lights and Navy Lanterns	1.40
2	Larger Lights	2.50

MARCY HINGE BURNERS

	Fig. 7039	
No.		Per Doz.
1		\$4.00
2		5.00

KHOTEL KEROSENE STOVE Hydrocarbon Burner

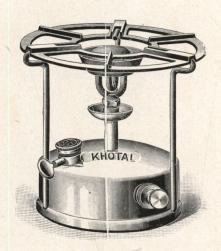


Fig. 7041

No.	Height	Diameter of Top	Diamete of Base	er Each
103	8"	83/4"	63/4	\$6.50

KHOTEL KEROSENE RANGE Hydrocarbon Burner With Rail

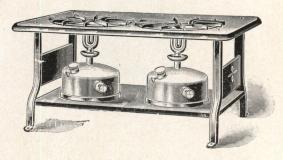


Fig. 7043

No.	Height to Top of Rail	Тор	Base	Each
402	15"	12" x 22"	12" x 22"	\$22.50



Fig 7045

5938

GUARDENE FIRE EXTINGUISHER

Description—It is a small, upright copper tank, 24" high, thoroughly made and tested.

Every extinguisher is numbered and a record made of its examination and test.

Contains $2\frac{1}{2}$ gallons. To-day or five years from to-day it will respond instantly when called upon.

Directions for using are stamped on the front of the machine in large raised letters and below this full instructions for refilling.

Water alone will not quench burning oil, naphtha, varnish, etc., but a stream from this extinguisher will put out such a fire instantly.

PYRENE FIRE EXTINGUISHERS

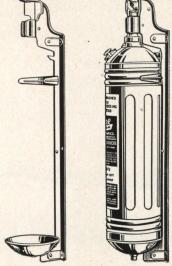


Fig. 7047 Pyrene Bracket

Fig. 7049 Pyrene Fire Extinguisher

	다 가는 보기 보는 사람들이 있는 것 같아요. 전 10 Here Here Here 스타를 하면 하는 사람들이 되었습니다. 그리고 있는 사람들은 10 Here Here Here Here Here Here	
No.		Each
5939	Brass Finish with Japanned Bracket	\$10.00
5940	Nickel Plated Finish with Nickel Plated Bracket	11.00
5941	Brass Finish in Glass Front Box	11.00
5942	Brass Finish in Watchman's Holster	11.00
5943	Glass Front Box	1 00
5944	Watchman's Holster	1.00
5945	Japanned Bracket	1.00
		Quart
5946	Pyrene Liquid	*1.50
		Gallon
5947	Pyrene Liquid	*6.00
5948	Pyrene Liquid, 50 Gall. Drum	6.00
*W	est of Missouri River List Price of Pyrene Liquid is:	
Per	quart	\$1.75
Per	gallon	7.00

CAST BRASS AXE BRACKETS

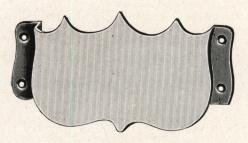




Fig. 7051

No.		Plain Per Doz. Sets	Polished Per Doz. Sets
2	6" Handle Part only	\$15.00	\$18.60
4	randle Fart only	5.00	6.60

FIREMEN'S AXES Pick Point

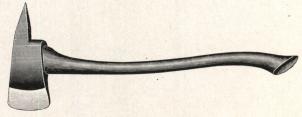


Fig. 7053

No.	Size				Per Doz.
5949	Assorted	Weights,	41/2 to 8	pounds	\$48.00
A	xes and Han	dles Paint	ted Red		

QUICK OUT POWDER FIRE EXTINGUISHER



Fig. 7055

No.	Size	Each
5950	2" x 22"	\$1.00

GALVANIZED FIRE HOSE HANGER

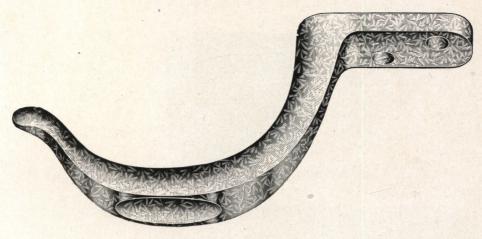
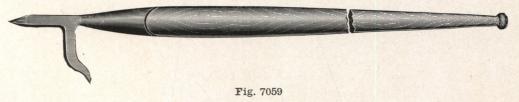


Fig. 7057

No.	Each
5951	\$1.00

Our Hanger is designed for hanging the Regulation Fire Hose of Rubber or Cotton, and is Always Ready for Immediate Use. It also prolongs the life of the Hose.

REGULATION FIRE HOOKS



No.		Per Doz.
5952 5953	6 Ft. Ash Pole, with No. 3 Galv. Malleable Hook	\$24.00 36.00

MALLEABLE IRON HOSE SPANNERS

	Fig.	7061
--	------	------

No.	Size	Each
5954	11/4"	5.12
5955	11/2"	.15
5956	2 "	.20
5957	21/2"	.25

MANILA ROPE



Fig. 7063 Approximate Specifications

Diameter	Circumference	No. of Lbs. to Each Foot in Decimals	Tensile Strength of Manila Rope	Per Pound
3.6" 1/4" 5.6" 3/8" 1/2" 5.68" 3/4" 1.38" 1/8" 1 1/8" 1 1/4"	1/2" (fine 6 thd.) 3/4" (6 thd.) 1 " (9 thd.) 11/8" (12 thd.) 11/4" (15 thd.) 11/2" (21 thd.) 2 " (33 thd.) 21/4" (42 thd.) 21/2" (51 thd.) 23/4" (60 thd.) 3 " 31/2" 33/4"	.0172 .0243 .0634 .05 .075 .1041 .1333 .165 .195 .225	520 lbs. 625 lbs. 1000 lbs. 1280 lbs. 2100 lbs. 2400 lbs. 3300 lbs. 4000 lbs. 4700 lbs. 5600 lbs. 6500 lbs. 7600 lbs. 10500 lbs.	2 /2 cts. over basis 2 cts. over basis 2 cts. over basis 1 /2 cts. over basis 1 ct. over basis 1 ct. over basis 1 ct. over basis 1 ct. over basis

MANILA BOLT ROPE

4 Strand—Soft Laid

Fig. 7065

3c. per pound extra

MARLINE

Fig. 7067

No.	Size	Weight	Per Pound
5958°	Extra Fine Yacht	1 lb. Balls	Price on Application
5959	Medium Yacht	1 lb. Balls	
5960	Coarse Yacht	1 lb. Balls	
5961	White Yacht	1 lb. Balls	

COTTON BRAIDED LINE



Fig. 7069

No.	Diameter	Length per Line	Per Doz.
4	1/8"	16 Yds	\$10.80
41/2	5/32"	16 Yds	12.00

COTTON BRAIDED FLAG HALYARD

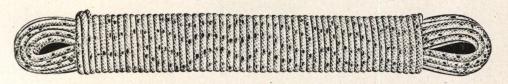


		Fig. 7071	
No.	Diameter		Per Pound
5	5/32"		
6	3/16"		
7	7/32"		
8	1/4"	Price on Application	
9	9/32"		
10	5/16"		
12	3/8"		

COTTON ROPE

	Fig. 7073	
Diameter		Per Pound
1/8"		
3"		
16		
5 "		
16 2/		
3/8"	D: A 1: .:	
$\frac{7}{16}''$	Price on Application	
1/2"		
5/8"		
3/4"		
7/2 "		
1 "		

COTTON LACING

		Fig. 7075	
No.	Weight		Per Ball
1 2	1 lb. Balls 1 lb. Balls	Price on Application	

5977

COVERED WIRE TILLER ROPE Bronze Center



Fi	o.	7	77	7
	\mathbf{p}_{\cdot}		0 1	

		F1g. 7077	
No.	Diameter		Per Foot
5962	1/4"		\$.12
5963	5 "		
5964	3/8"	A CONTRACTOR OF THE CONTRACTOR	• • •
		BRONZE FLEXIBLE TILLER ROPE	
		Fig. 7079	
No.	Diameter	115. 1010	Per Foot
5965	1/8"		
5966	$\frac{3}{16}''$		
5967	1/4"		
5968	5"		20
5969	3/8"		
5970	1/11		
	1/2"		
5971	5/8"		.60
		GALVANIZED FLEXIBLE TILLER ROPE	
		Fig. 7081	
No.	Diameter		Per Foot
5972	3 "		\$.12
5973	1/4"		1.5
5974	5 "		20
5975	3/8"		20
5976	$\frac{78}{\frac{7}{16}}$ "	<u>, , , , , , , , , , , , , , , , , , , </u>	
1710	16		.40

GALVANIZED IRON WIRE ROPE For Ships' Rigging and Derrick Guys Fig. 7083

Approximate

			approximat	e de la companya de
		*** * * * *	Breaking	
	a.	Weight pe	r Strain	
	Circum-	Foot	in Tons of	
Diameter	ference	in Lbs.	2,000 Lbs.	Per Foot
3" 16"	1/2"	0.040	0.61	\$.02
7/32"	5/8"	0.063	0.79	.021/4
1/4"	3/4"	0.090	0.99	$0\overline{2}\frac{1}{2}$
9/32"	7/8"	0.125	1.20	
5" 16"	1 "	0.15	1.42	.031/2
3/8"	11/8"	0.22	1.95	$04\frac{1}{2}$
$\frac{7}{16}''$	11/4"	0.30	2.35	
1/2"	11/2"	0.39	3.39	.06
$\frac{9}{16}$ "	13/4"	0.50	4.46	.07
5/8"	2 "	0.62	5.7	.08
3/4"	21/4"	0.89	7.8	.09
$\frac{13''}{16}$.	21/2"	1.03	9.4	.11
7/8"	23/4"	1.20	11.1	.13
1 "	3 "	1.58	141	15

WHITE COTTON WASTE



Fig. 7085

No.	Bales		Per Pound
5978 5979 5980 5981 5982	50 lbs 10 lbs 5 lbs		Price on Application
		COTTON LAMP WICK Fig. 7087	
No. 5983 5984		}	Price on Application
		CAULKING COTTON Fig. 7089	
No. 5985 5986		}	Fine Standard Per Pound Per Pound Price on Application
		COTTON SAIL TWINE Fig. 7091	
No. 5987 5988 5989	Medium		Per Ball Price on Application
		OAKUM Fig. 7093	
No. 5990 5991 5992	U.S. Navy	}	Per Pound Price on Application

NUPRO MARINE GLUE Introduced 1907



Reg. U. S. Pat. Office

No.	Size	Fig. 7095	Per Pound
5993	1 lb. Tin	\$1000 A 1000 A	\$ 37
5994	5 lb.Tin		
5995	10 lb. Tin		30
5996	25 lb. Tin		
5997	50 lb. Tin		26
59971/2	75 lb. Tub		24
5998	100 lb. Tub		24
5999	Half Barrel		73
6000	Barrel		73
F	. 1 1		

For paying deck seams and stopping leaks in boats.

Nupro Marine Glue has great adhesive and elastic qualities, also a high melting point. Will not run from seams in the tropics or brittle and crack out in freezing temperatures. Adhears to wood, steel, glass and canvas, making a watertight joint.

One pound fills 12 to 15 feet of seam, in 3" decking. About 20 feet to

the pound in small seams.

NUPRO MARINE GLUE STOP-A-LEAK

No. Size	118. 7007
No. Size	Each
6001 Stick	Each
6001 Stick	¢ 75
I 1 1 C C 1.	\$.75
In handy form, for making	emergency repairs.

NUPRO HULL SEAM COMPOSITION

Fig. 7099

For filling seams in hull below the water line. Ready for use. Elastic, Adhesive, Waterproof.

Price same as Marine Glue.

NUPRO LIQUID MARINE GLUE

37	Fig. 7101	
No.	Size	Per Can
6002	1/4 Pint	+ 00
6003	1 Pint	Ψ.50
6004	1 0	1.50
6005	1/2 Gal	
6006	1 Gal	5 15
6007	5 One Gal. Cans	4.50

For waterproofing and cementing Canvas and Linoleum to Wood, Steel or Concrete. Also for repairing Canoes, Flying Boats and Cabin Tops.

NUPRO	COPPER	PAINT
-------	--------	-------

T12	7100	
rig.	7103	

	Quarts	½ Gallons	Gallons
Brown	\$4.05	\$3.90	\$3.75 Per Gal.
Green	4.50	4.35	4.20 Per Gal.
Red	4.46	4.16	4.00 Per Gal.

KAURI YACHT PAINT

Fig. 7105

	Quarts	½ Gallons	Gallons
Yacht Black Yacht White	\$8.00 8.00	\$7.70	\$7.50 Per Gal.
raciit white	6.00	7.70	7.50 Per Gal.

KAURI DECK PAINT

Fig. 7107

	Quarts	½ Gallons	Gallons
Dark Yellow	\$4.68	\$4.30	\$4.00 Per Gal.
Lead	4.68	4.30	4.00 Per Gal.

KAURI ENGINE ENAMEL

Fig. 7109

	½ Pints	Pints
Black	\$.50	\$.80 Each
Grey		.80 Each
Maroon	.50	.80 Each
Red	.50	.80 Each

KAURI CANOE ENAMEL

Fig. 7111

	Pints	Quarts
Green	\$1.06	\$2.03 Each
Red	1.06	2.03 Each

KAURI VARNISH

Fig. 7113

½ Pints	Pints	Quarts	½ Gals.	Gallons
\$8.00	\$6.40	\$6.20	\$5.80	\$5.50 Per Gal.
We ca	an furnish any st	andard make of	Marine Paints.	

KUHL'S SEAM COMPOSITION

Fig. 7115

2 7 7	1 or 2 lb. Tins	5 lb. Tins	12½ or 25 lb. Pails	50 or 100 lb. Kegs
Black	\$.30	\$.28	\$.24	\$.23 Per Lb.
Mahogany	30	.28	.24	.23 Per Lb.
White	30	.28	.24	.23 Per Lb.
Yellow		.28	.24	.23 Per Lb.

15

BURRS Copper Galvanized Fig. 7117 Fig. 7119 No. Per Lb. Size Per Lb.\$.42 .50 9 .52 10 .56 13 .60 14

WROUGHT STEEL WASHERS

Plain and Galvanized Tim 7101

Size	Diameter	Outside	Fig. 7121	
of Bolt	of Hole	Diameter	Per 100	Lbs.
3"	1/4"	9"	\$14	.00
1/4"	5"	3/4"	12	.20
5"	3/8"	7/8"	11	.40
3/8"	7"	1 "	10	.50
7 "	1/2"	11/4"	9	.80
1/2"	9"	13/8"	9	.40
9"	5/8"	11/2"	9	.30
5/8"	11"	13/4"	9	.20
3/4"	13"	2 "	9	.10
7/8"	15"	21/4"	·9	.00
1. "	$1\frac{1}{16}''$	21/2"	9	.00

CLINCH RINGS



Wrought	Iron—	Gal	vanized
---------	-------	-----	---------

.70

Malleable Iron—Galvanized

Fig.	7123	Fig. 7125		
Size	Per Lb.	Size	Per Lb.	
1/2" 		3/8"		
11/8"		9." 5/8"		

TACKS

	Сорр	er			Galv	anized	
	Fig.	7127		Fig. 7129			
Length	Ounce	1 Lb. Papers Per Lb.	100 Lb. Kegs Per Lb.	Length	Ounce	1 Lb. Papers Per Lb.	100 Lb. Kegs Per Lb.
3/8" 1/2" 5/8" 3/4" 7/8"	3 8 10 14 18 22			1/2" 5/8" 3/4" 7/8" 1 " Pack Boxes a	8	lb. Kegs	, 50 lb.

BRASS ESCUTCHEON PINS

Fig. 7131

			——Pri	ce Per Pour	nd		
No.	1/2 in.	5/8 in.	3/4 in.	7/8 in.	1 in.	11/4 in.	11/2 in.
10	\$.73	\$.72	\$.71	\$.70	\$.69	\$.67	\$.66
11		.73	.72	.71	.70	.68	.67
12		.74	.73	.72	.71	.69	.68
13		.75	.74	.73	.72	.70	.69
14		.76	.75	.74	.73	.71	.70
15		.77	.76	.75	.74	.72	.72
16		.80	.78	.76	.75	.74	.74
17	.89	.87	.85	.83	.81	.80	.80
18		.94	.92	.90	.90	.92	.92
19	1.10	1.05	1.00	1.00	1.03	1.03	1.05
20	1.20	1.15	1.10	1.10	1.15	1.15	
21	1.35	1.30	1.30	1.35	1.35		
22	1.45	1.40	1.45				

WROUGHT IRON RIVETS



Fig. 7133

Size	Per Lh
$\frac{3}{16}$ " x 2" to 6"	
1/4" x 3" to 12"	
$\frac{5}{16}$ " x 4" to 12"	
3/8" x 4" to 12"	
, 0	•••••••••••••••••••••••••••••••••••••••

WIRE FINISHING NAILS

		WIRE FINISH			
	Brass			Galvanized	
	Countersunk He	eads		Fig. 7137	
	Fig. 7135			1 Lb. Papers	100 Kees
		1 Lb. Papers	Size	Per Lb.	Advances
Size	Gauge	Per Lb.	3/4"		
3/4"	18"	\$.92	1 "		\$2.00
1 "	16"	.75	11/4"		1.55
11/4"	16"	.74	11/2"		1.25
11/2"	14"	.70	13/4"		1.20
13/4"	12"	.67	2 "		1.00
2""	12"	.67	21/2"		.60
21/2"	12"	.67	3 "		.45
, -		I breakstell			
		COPPE	RNAILS		
	Wire			Cut	
				Fig. 7141	
	Fig. 7139		Size		Per Lb
Size		Per Lb.	3/4"		
1 "			1 "		
11/4"			11/4"		
11/2"	.51 P (L2		11/2"		
13/4"	73 2 69 b		13/4"	2	
2 . "			2 "		
21/4".	-9a		21/4"	<u> </u>	1
21/2".			21/2"	<u>,</u>	
3			3 "		
31/2''.			31/2"		
4 " .			4 "	2.00.000	
		GY OVE	NAME OF		
20-1	EDJ - FELD	CLOUI	NAILS	Galvanized	
	Copper				
	Fig. 7143	Danth	Q:	Fig. 7145	Per Ll
Size		Per Lb.	Size		10112
3/4"	1.4		3/4"		
			11/4"		
11/4"		and their second street and the second	11/2"	1827	
2"			2 "		
Pack	ked in 1 lb. Pape	ers.	Packed	l in 1 lb. Papers.	
	C	OPPER SHEL	L BOAT N	IAILS	
~.	THE STATE OF THE S		7147		Per Lb
Size					10111
1/6"	••••			Take Year and a second	
/2					100 March 100
5/011	***************************************				
5/8"					
3/8" 1/2" 5/8" 3/4" 7/8"				40.50.3	

GALVANIZED NAILS

Wire			Cut	
Fig. 7149			Fig. 7151	
Fig. 7149 Size 20d to 60d 16d 12d 10d 9d 8d 7d 6d 5d 4d	.30 .30 .55 .60 .75	10d to 16d. 8d and 9d 6d and 7d 4d and 5d	Fig. 7151	\$.05 .10 .20 .30
3d	1 15			4

GALVANIZED BOAT NAILS

		Fig. 71	.53			
Size						Advances
3 " to 6 "						\$.45
21/2" and 23/4"					4.4.4	.55
2 "and 21/4"				10.53	egota	.65
11/2" and 13/4"					10.4	.75
11/4"						.95
1 "			- 1,		3 3	1.15
3/4"	15	1, r.				1.45

Packed in 100 lb. Kegs and 50 lb. Boxes.

GALVANIZED IRON

Round			Half Round			
	Fig. 7155		Fig. 715	7		
Size	Weight Per Ft. Per Lb.	Size	Weight Per Ft.	Per Lb.		
1/4" -5" -16 -3/8" -7 -16 -1/2" -5/8" -3/4"	.167 lbs	1/2" 5/8" 3/4" 1 " 11/4" 11/2"	.338 lbs. .522 lbs. .7515 lbs. 1.335 lbs. 2.0865 lbs. 3.004 lbs.			

LENGTH OF NAILS

2d	3d	4d	5d	6d	7d	8d	9d
1"	11/4"	11/2"	13/4"	2"	21/4"	21/2"	23/4"
10d	12d	16d	20d	30d	40d	50d	60d
3"	31/4"	31/2"	4 "	41/2"	5 "	51/2"	6 "

COTTER PINS

Brass and Iron

Fig.	

Wire Gauge Diameter	13 3/32	$\begin{array}{c} 12 \\ 7/64 \end{array}$	11 1/8	10 9/64	$^9_{5/32}$	8 11/64	7 3/16	6 13/64
Length 1/2" 3/4" 1 " 11/4" 11/2" 13/4" 2 " 21/4" 23/4" 3 "	\$3.50 4.15 4.80 5.45 6.10 6.75 7.40	\$4.00 4.75 5.50 7.00 7.75 8.50	\$5.00 5.85 6.70 8.40 9.25 10.10 10.95 11.80	\$6.00 7.00 8.00 10.00 11.00 12.00 13.00 14.00	\$7.00 8.15 9.30 10.45 11.60 12.75 13.90 15.05 16.20	\$8.00 9.30 10.60 11.90 13.20 14.50 15.80 17.10 18.40	\$11.10 12.80 14.56 16.20 19.60 21.30 23.00 24.70 26.40	\$12.00 14.00 16.00 18.00 22.00 24.00 26.00 28.00 30.00
Wire Gauge Diameter	5 7/32	$\frac{4}{1/4}$	$\frac{1}{5/16}$	3/8	7/16	1/2		5/8
Length 1 1 1 1 1 2 1 3 4 2 2 2 4 3 3 4 3 4 5 6 6	\$18.00 20.80 23.60 26.40 29.20 32.00 34.80 37.60 40.40	\$20.00 23.50 27.00 30.50 34.00 37.50 41.00 44.50 48.00 51.50 55.00 58.50 62.00	\$32.50 37.50 42.50 47.50 52.50 57.50 62.50 67.50 72.50 77.50 82.50 87.50 92.50	\$72.00 79.20 86.40 93.60 100.80 105.00 115.20 122.40 129.60 136.80 144.00	\$108.00 119.50 131.00 142.50 154.00 165.50 177.00 188.50 200.00 211.50 257.50	\$148.5 163.5 178.5 208.5 223.5 238.5 268.5 328.5 388.5	0 0 0 0 0 0 0 0	\$384.00 404.00 424.00 444.00 544.00 644.00

List on Brass Cotter 8 times above List.

SOUNDING LEADS



Fig. 7161

No.	Size	Per Lb.
6008	All weights	

HEMP LEAD LINES

	Fig. 7163	
No.	Size	Per Lb.
6009	20, 40, 90 or 120 Fathom Lengths	

COTTON YACHT MOPS

Handled

		F ig. 7165			
No.	Size				Per Doz.
6010	Small Large				\$12.00 \$15.00
	20150				13.00
	COTT	ON HAND SWABS	OR MOI	PS	
	.0011	Plain Top	OK MOI		
		Fig. 7167			
No.					Per Doz.
6012				•••••••••••••••••••••••••••••••••••••••	\$6.00
	PIT	CH AND GRAVING	G MOPS		
		Fig. 7169			
No.	Size				Per Doz.
6013 6014	Pitch Graving			•	
	R	OUND YACHT BR	OOMS		
		Fig. 7171	COMS		
					ixed Rattan
No.	Size	Per Doz. Per	Rattan Doz.	All Coir Per Doz.	and Coir Per Doz.
6015		\$10.50	0.50	\$10.50	\$10.50
0010	14"	12.00	2.00	12.00	12.00
		SEAM BRUSHE	S		
27-	G:-	Fig. 7173			
No. 6017	Size				Per Doz. \$2.50
6018	5"				
6019	6"				4.00
		HOLYSTONES	5		
No.	Size	Fig. 7175			The all
6020	3½"x 4"x 8"	Hand			Each \$.75
6021	5½"x 6" x 8" 5½"x 6" x 8"	Without Band			1.25
6023	$5\frac{1}{2}$ " x 6" x 8"	With Band and Ha	andle		2.25

YALE DOOR CLOSER Model "YR" Without Holding Device

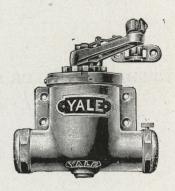


Fig. 7177

No.	Description	Each
71	For Screen and very Light Doors	\$6.20
72	For Light Inside Doors	8.10
73	For Inside Door of Medium Size	9.60
74	For Heavy Inside and Ordinary Outside Doors	11.50
75	For Heavy Outside Doors	15 30
76	For Extra Large and Heavy Outside Doors	19.20

With Holding Device

Fig. 7179

No.	Description	Each
171	For Screen and Very Light Doors	\$7.65
172	For Light Inside Doors	9.55
173	For Inside Doors of Medium Size	11.05
174	For Heavy Inside and Ordinary Outside Doors	12.95

This is a device for the control of single acting doors, i. e., doors which open in one direction only.

At a slight additional cost this closer may be had, so constructed that it will hold the door open in any desired position.

Regularly furnished in gold bronze finish. At the same price (when so ordered) in silver-bronze or imitation Bower-Barff finish.

At an additional price, they will be furnished plated in bronze, brass, nickel, copper, oxidized silver, or any other finish, either polished or unpolished; or in solid brass or bronze, if desired.

MARINE WATER CLOSET



No.	Fig. 7181	Each
6024	With Hardwood Oak Finished Seat only	\$35.00
6025	With Hardwood Oak Finished Seat and Cover	37.50
	BRASS SEA VALVES	
No.	Fig. 7183	Per Pair
6026	Complete with Strainer for above Closet	\$8.10

STATEROOM CABINET Solid Oak



Fig. 7185

No.	Height	Width	Weight	Mirror	Each
6027	33"	18"	15 lbs.	12" x 12"	\$20.00
Br	ight or Fu	med Fin	ish.		

CAST BRASS TOILET PAPER HOLDERS Nickel Plated



Fig. 7187

No. 6028



Fig. 7189

Each\$3.80

Each No. 6029

6029 \$3.80 Locks with concealed spring roller.

CAST BRASS SPONGE HOLDER Nickel Plated

\$1.55

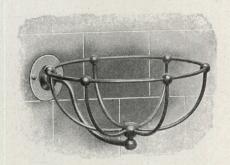


Fig. 7191

No. Di 6030

Diameter Depth 71/2'' 31/4''

1g. 7191

Each \$2.00

CAST BRASS COMB AND BRUSH TRAY Nickel Plated

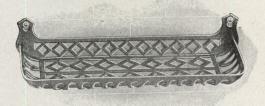


Fig. 7193

No. 6031 $4'' \times 101/2''$

Each ...\$2.90

BRASS SOAP DISHES

Nickel Plated





Fig. 7195 Size No. 6" x 3" 6032

Each No. 6033 \$2.00

Size 6033 51/4" x 33/4" \$1.50 Brass Bracket, Opal Dish.

Each

CAST BRASS TUMBLER HOLDER Nickel Plated

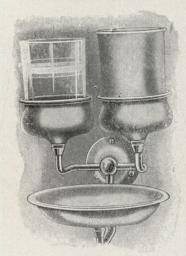


No. 6034

Fig. 7199 Holder only

Each \$.95

BRASS COMBINATION SOAP, TUMBLER AND TOOTH BRUSH HOLDERS Nickel Plated



No. 6035 Fig. 7201

..\$3.50

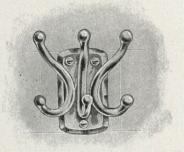
Complete with Crystal Tumbler, Opal Vase and Nickel Soap Tray with Removable Drainer.

CAST BRASS TOWEL HOOK Nickel Plated



No.	Size	Fig. 7203	Each
6041	41/2"		\$.55

BRASS ROBE HOOK Nickel Plated



No.	Size	Fig. 7205	Each
6042	••••		\$.95

BRASS SWINGING TOWEL BARS Nickel Plated

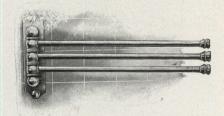


Fig. 7207

No.	Size	Arms	Each
6043	1/4" x 8"	2	\$.90
6044	1/4" x 8"	3	1.10
6045	1/2" x 16"	2	3.20
6046	1/2" x 16"	3	4.00

GRAB RAILS

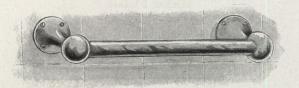


Fig. 7209

Opal Bar and Nickel Plated Brass Brackets

	Opai Dai and Mickel I lated Die	ass Diackets
No. 6049	Size 1½" x 12"	Each \$7.00
6050	1½"x 18"	7.90
	WILLDLAND D	
	Nickel Plated Brass Bar and	Brackets
No.	Size	Each
6047	1" x 12"	\$2.20
6048	1" x 18"	2.40

CRYSTAL AND OPAL TOWEL BARS Nickel Plated Brass Brackets

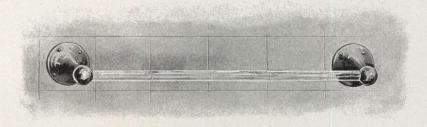


Fig. 7211

Crystal				Opal			
No.	Size	Each	No.	Size	Each		
6057	3/4" x 18"	\$1.70	6065	3/4" x 18"	\$2.10		
6058	3/4" x 24"	1.90	6066	3/4" x 24"	2.35		
6059	3/4" x 30"	2.10	6067	3/4" x 30"	2.60		
6060	3/4" x 36"	2.30	6068	3/4" x 36"	2.85		
6061	1 "x 18"	2.10	6069	1 "x 18"	2.50		
6062	1 "x 24"	2.40	6070	1 "x 24"	2.85		
6063	1 "x 30"	2.70	6071	1 "x 30".	3.20		
6064	1 "x 36"	3.00	6072	1 "x 36"	3.55		

BRASS TOWEL SHELVES

Nickel Plated

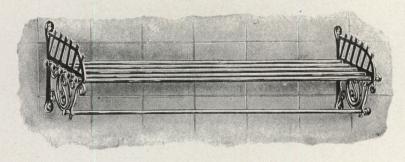


Fig. 7213

No.	Size	Each
6073	6" x 20"	\$7.00

BRASS TOWEL BASKETS

Nickel Plated

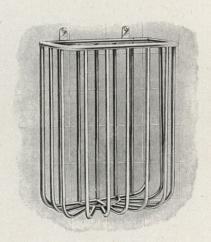


Fig. 7215

No.	Size	Each
6074	6"x12"x16"	\$14.00

CRYSTAL AND OPAL SHELVES Nickel Plated Brass Brackets



Fig. 7217

Crystal

No.	Size		Each
6075 6076	5" x 18" 5" x 24"		\$3.00 3.30
6077	5" x 30"	*	3.60
		Opal	
No.	Size		Each
6078	5" x 18"		\$3.40
6079 6080	5" x 24" 5" x 30"		3.70
0000	J. X 30		4.00

BRASS GUARD RAILS Nickel Plated

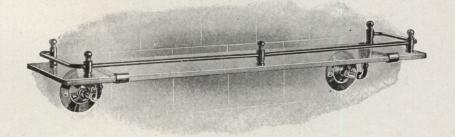


Fig. 7219

No.	For Shelf	Each
6081	18"	\$2.00
6082	24"	2.20
6083	30"	2.40

PLATE GLASS OVAL MIRRORS Nickel Plated Brass Frame

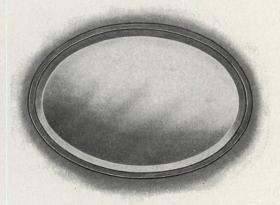


Fig. 7221

No.	Size		Each
6084	14" x 18"		\$9.00
6085	16" x 20"		11.00
6086	18" x 24"		13.50
Be	vel edge. N	loisture-proof metal Backs.	

PLATE GLASS OBLONG MIRRORS Nickel Plated Brass Frame

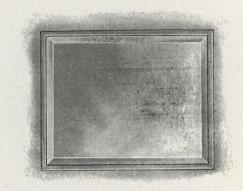


Fig. 7223

No.	Size		Each
6087	14" x 18"		\$9.00
6088	16" x 20"		11.00
6089	18" x 24"		13.50
Re	wal adaa M	oisture proof motal Backs	

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